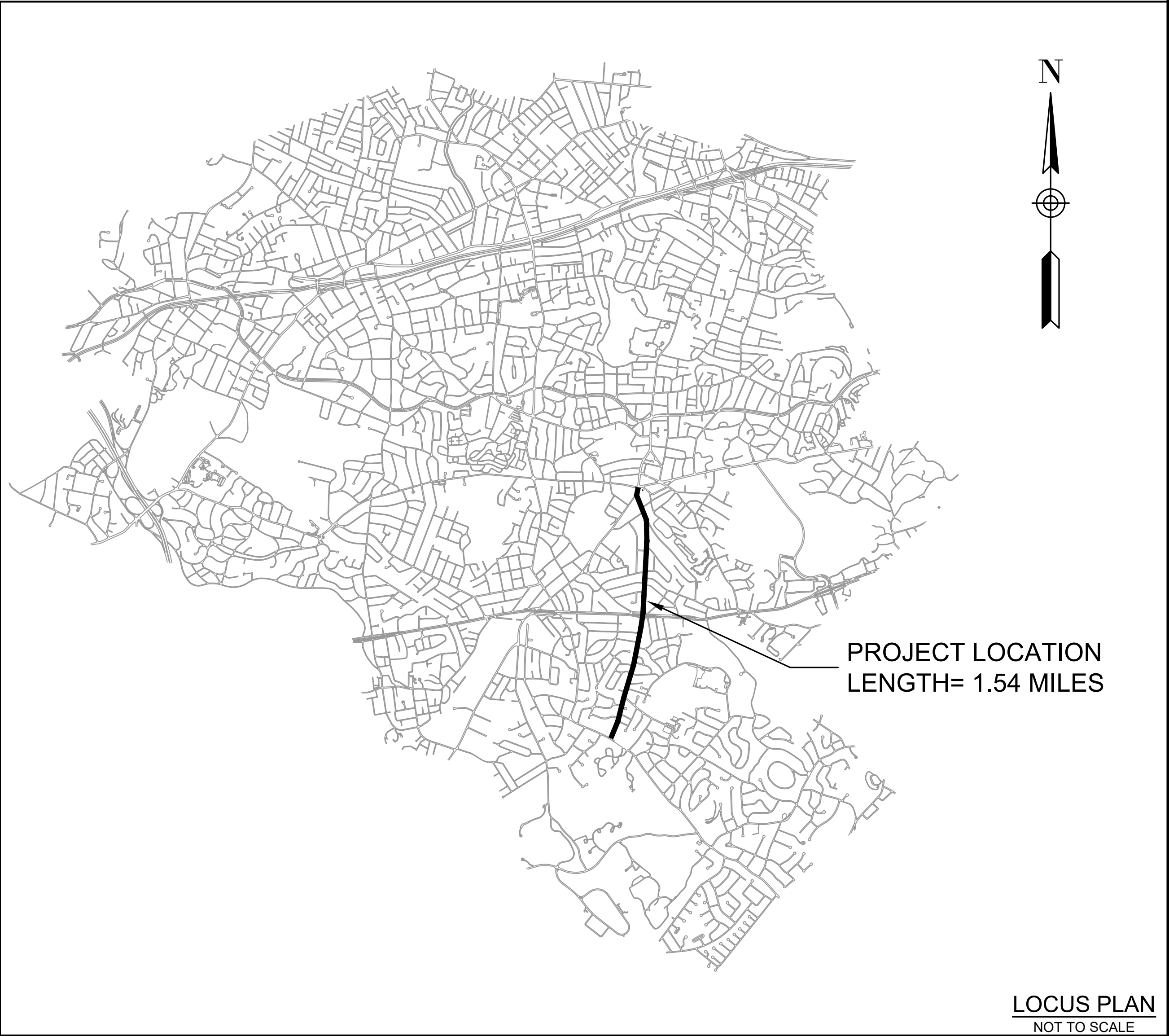


CITY OF NEWTON
PARKER STREET / CYPRESS STREET / CENTRE STREET
FROM DEDHAM STREET TO BEACON STREET

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SS-001	21	TRAFFIC SIGN SUMMARY

ALL WORK SHALL CONFORM TO THESE PLANS, AND THE MOST RECENT VERSIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. IN THE EVENT OF CONFLICTS OR DISCREPENCIES, THE ENGINEER SHALL BE CONTACTED FOR RESOLUTION.



PS&E SUBMISSION

TITLE SHEET AND INDEX
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	G-001
CHECKED BY:	RC	SHEET	1 of 21



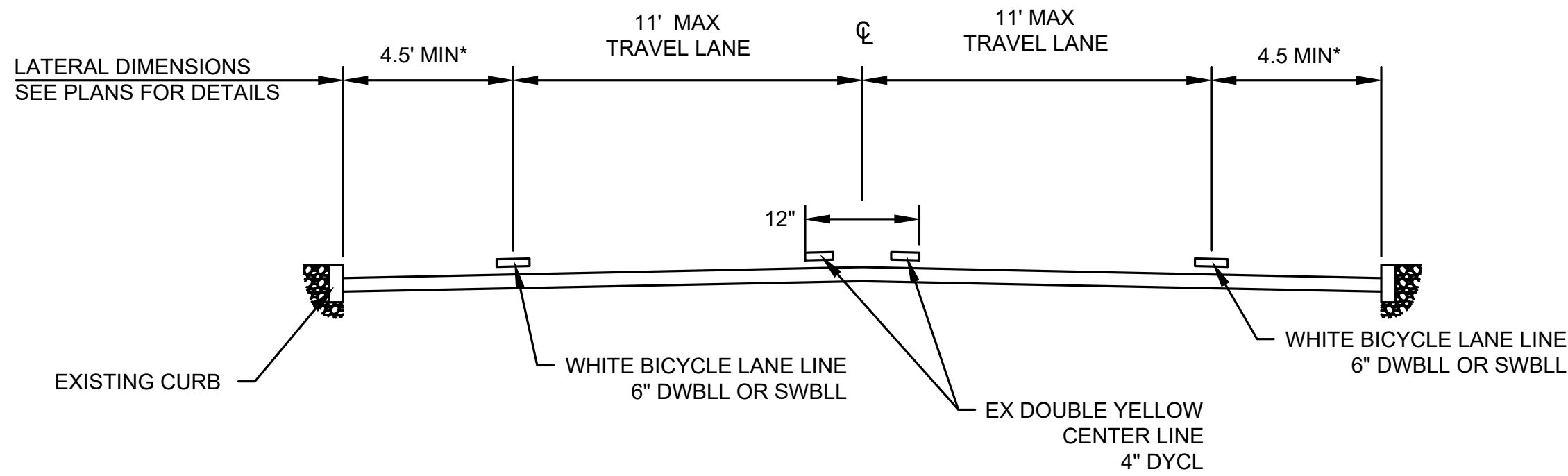
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GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, REGULATIONS AND SAFETY CODES IN THE CONSTRUCTION OF ALL IMPROVEMENTS. SIGN AND STRIPING WORK SHALL ALSO MEET ALL APPLICABLE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- BASE MAPPING WAS PREPARED FROM GOOGLE EARTH AERIALS, CITY OF NEWTON GIS DATA, AND FIELD MEASUREMENTS.
- THE CONTRACTOR SHALL VERIFY BASE MAPPING IN THE FIELD PRIOR TO PLACING STRIPING OR SYMBOLS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO START OF WORK. WHEN THESE PLANS ARE IN CONFLICT WITH ACTUAL SITE CONDITIONS, PROPOSED STRIPING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- NOT ALL DRIVEWAYS ARE SHOWN ON THE DRAWINGS.
- MARKED CROSSWALKS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND NOT ALL CROSSWALKS ARE SHOWN.
- ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- TEXT, ARROWS, BICYCLE LANE SYMBOLS AND SHARED LANE MARKING SYMBOLS SHALL BE WHITE. LONGITUDINAL LOCATIONS FOR BICYCLE LANE SYMBOLS AND SHARED LANE MARKINGS ARE APPROXIMATE UNLESS DIMENSIONS GIVEN. SEE DRAWINGS FOR SYMBOL LOCATIONS.
- IF PROPOSED PAVEMENT MARKINGS ARE SHOWN IN THE AREA OF EXISTING PAVEMENT MARKINGS, ERADICATE ANY CONFLICTING MARKINGS USING AN APPROVED METHOD SUCH THAT NO TRACES OF EXISTING MARKINGS ARE SHOWN. THE CONTRACTOR SHALL NOT INSTALL NEW PAVEMENT MARKINGS WITHOUT ERADICATING EXISTING PAVEMENT MARKINGS FIRST.
- BUS STOP LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL BUS STOPS AND LOCATIONS OF BUS STOP SIGNS . IF ADDITIONAL BUS STOPS ARE IDENTIFIED, OR BUS STOP DIMENSIONS DIFFER FROM THE DRAWINGS, DOTTED LINE STRIPING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER AND SHOWN IN THE DETAILS.
- STRIPING PLANS SHOW SIGNING ASSOCIATED WITH BICYCLE LANES AND SHARED LANE MARKINGS. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL PROPOSED SIGNS AND ANY MODIFICATIONS TO EXISTING SIGNS.
- THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, GRADING, SIDEWALKS, AND FEATURES OUTSIDE OF THE LIMITS OF WORK AND SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AS DIRECTED BY THE ENGINEER OR OWNER'S DESIGNATED REPRESENTATIVE ANY SUCH OR OTHER DAMAGE SO CAUSED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION DUE TO CENTERLINE SHIFTS OF ANY IN-STREET PEDESTRIAN CROSSING SIGNS.
- EXISTING PEDESTRIAN RAMP LOCATIONS ARE NOT SHOWN. EXISTING PEDESTRIAN RAMPS HAVE NOT BEEN REVIEWED FOR ADA COMPLIANCE.
- THE EXISTING STREET VARIES IN WIDTH, CONTRACTOR SHALL ESTABLISH A WORKING CENTERLINE FROM THE CENTER OF THE EXISTING DOUBLE YELLOW CENTERLINE , TO BE EQUIDISTANT BETWEEN OPPOSITE CURBS.



TYPICAL PAVEMENT MARKING
PLACEMENT DETAIL
NOT TO SCALE

NOTES:

- LATERAL PLACEMENT OF PAVEMENT MARKINGS ARE MEASURED FROM CENTER OF ROADWAY BETWEEN CURBS FROM WORKING CENTERLINE.
- BICYCLE LANE WIDTH STOPS AT FACE OF ADJACENT CURB.
- TRAVEL AND BICYCLE LANE WIDTHS ARE AS SHOWN ON THE DRAWINGS.
- THE USE OF DOTTED OR SOLID LINES IS AS SHOWN ON THE DRAWINGS.
- TRAVEL LANES SHALL NOT EXCEED 11' IN WIDTH. STRIPE TRAVEL LANES FROM STREET CENTERLINE UNLESS OTHERWISE NOTED ON PLANS.
- TRAVEL AND BICYCLE LANE WIDTHS TO BE EQUAL. APPROXIMATE DIMENSIONS SHOWN FOR GENERAL REFERENCE ONLY, TYP.
- BICYCLE LANE WIDTH MUST BE 4.5' OR MORE IN WIDTH. IF AVAILABLE BICYCLE LANE WIDTH IS LESS THAN 4.5', THE ENGINEER SHALL BE CONTACTED FOR RESOLUTION.



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LEGEND AND ABBREVIATIONS

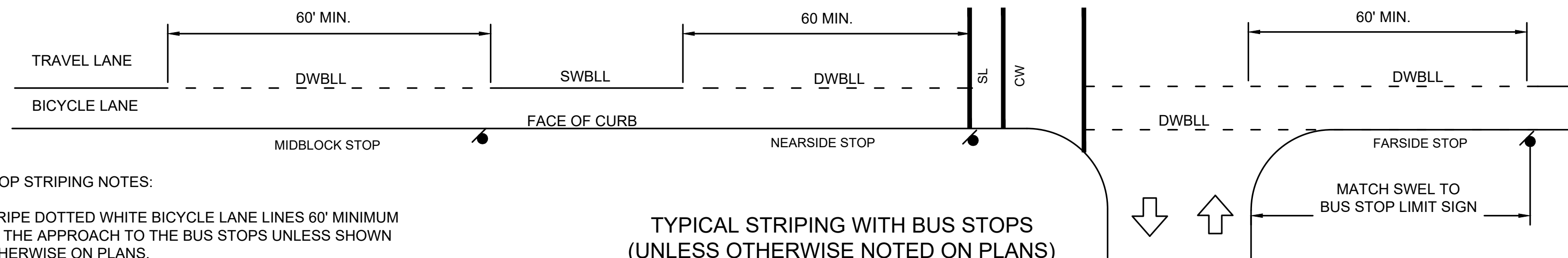
EXISTING	PROPOSED	
	---	LIMIT OF PAVEMENT MARKINGS
	BE →	BEGIN ERADICATION
	EE →	END ERADICATION
	ES →	ERADICATE SYMBOL
	EX	EXISTING
	MNT	MOUNT
	R&R	REMOVE AND RESET
		SIGN POST
		HYDRANT
		STREET LIGHT
		UTILITY POLE
		FLEX POST
		RAILROAD TRACKS
		PROPERTY LINES
		BICYCLE LANE SYMBOL
		SHARED LANE MARKING SYMBOL
	SWEL	4" SOLID WHITE EDGE LINE
	SWLL	4" SOLID WHITE LANE LINE
	SWBLL	6" SOLID WHITE BICYCLE LANE LINE
	BWLL	4" BROKEN WHITE LANE LINE (10' MARK, 20' SPACE)
	DWLL	4" DOTTED WHITE LANE LINE (2' LINE, 4' SPACE)
	DWBLL	6" DOTTED WHITE BICYCLE LANE LINE (2' LINE, 4' SPACE)
	SYEL	4" SOLID YELLOW EDGE LINE
	SYCL	4" SOLID YELLOW CENTER LINE
	BYCL	4" BROKEN YELLOW CENTER LINE (10' MARK, 20' SPACE)
	DYCL	2-4" DOUBLE YELLOW CENTER LINES
	SDYCL	4" SINGLE DOTTED YELLOW CENTER LINES (2' LINE, 4' SPACE)
	SWCHL	8" SOLID WHITE CHANNELIZATION LINE
	SYCHL	8" SOLID YELLOW CHANNELIZATION LINE
	SL	12" MINIMUM WHITE STOP LINE (UNLESS OTHERWISE NOTED)
	CW	12" MINIMUM WHITE CROSSWALK LINES WITH 12" LONGITUDINAL LINES AT 4' O.C. (UNLESS OTHERWISE SHOWN)
		8" SWCHL OR SYCHL (5' O.C. AT 45° UNLESS OTHERWISE NOTED)
		WHITE PAVEMENT ARROW AND LEGEND
		COLORIZED PAVEMENT - MATERIAL AS SPECIFIED ON PLANS
		NEW OR RELOCATED SIGN

PS&E SUBMISSION

GENERAL NOTES AND LEGEND

PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

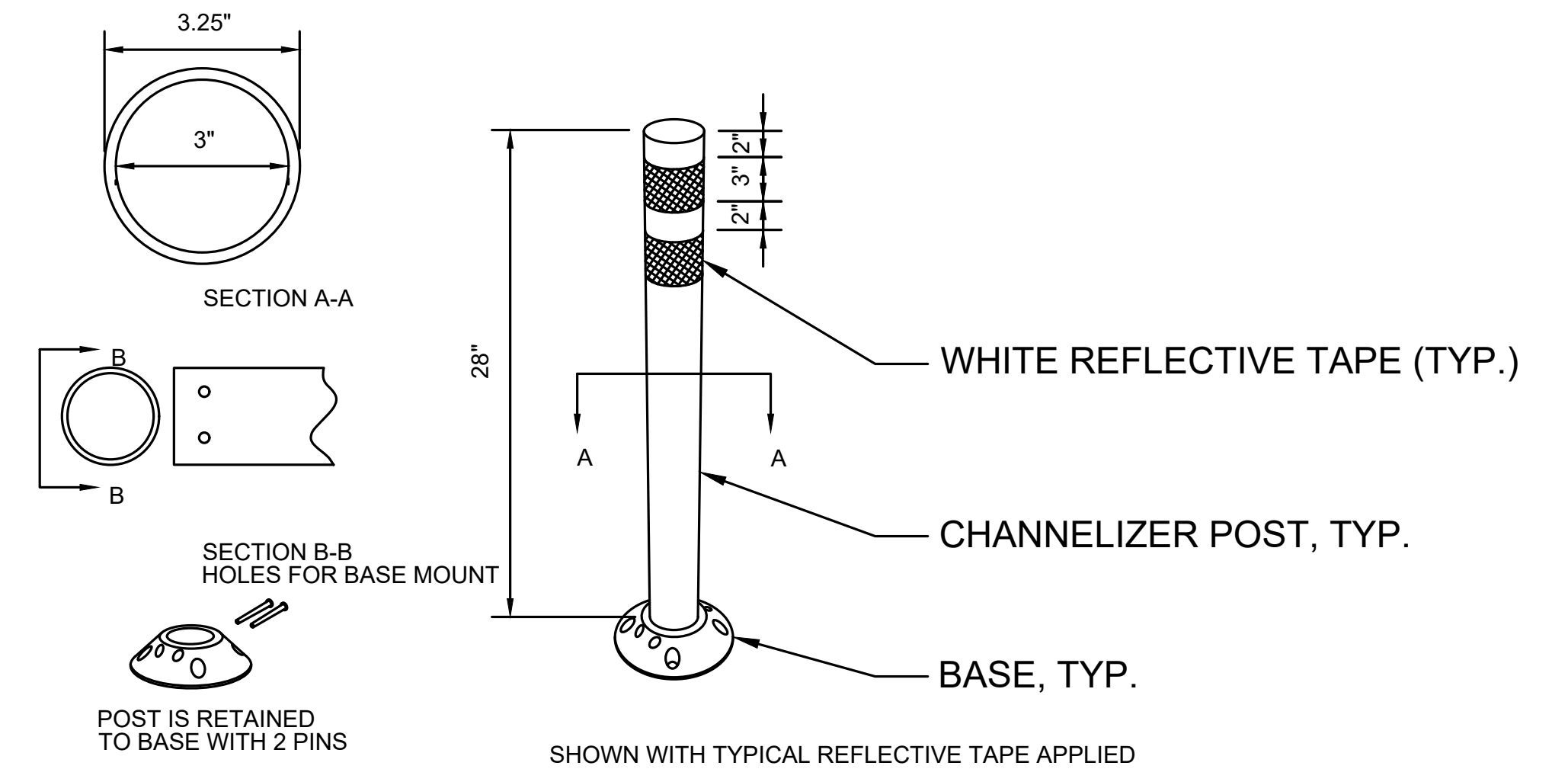
DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	G-002
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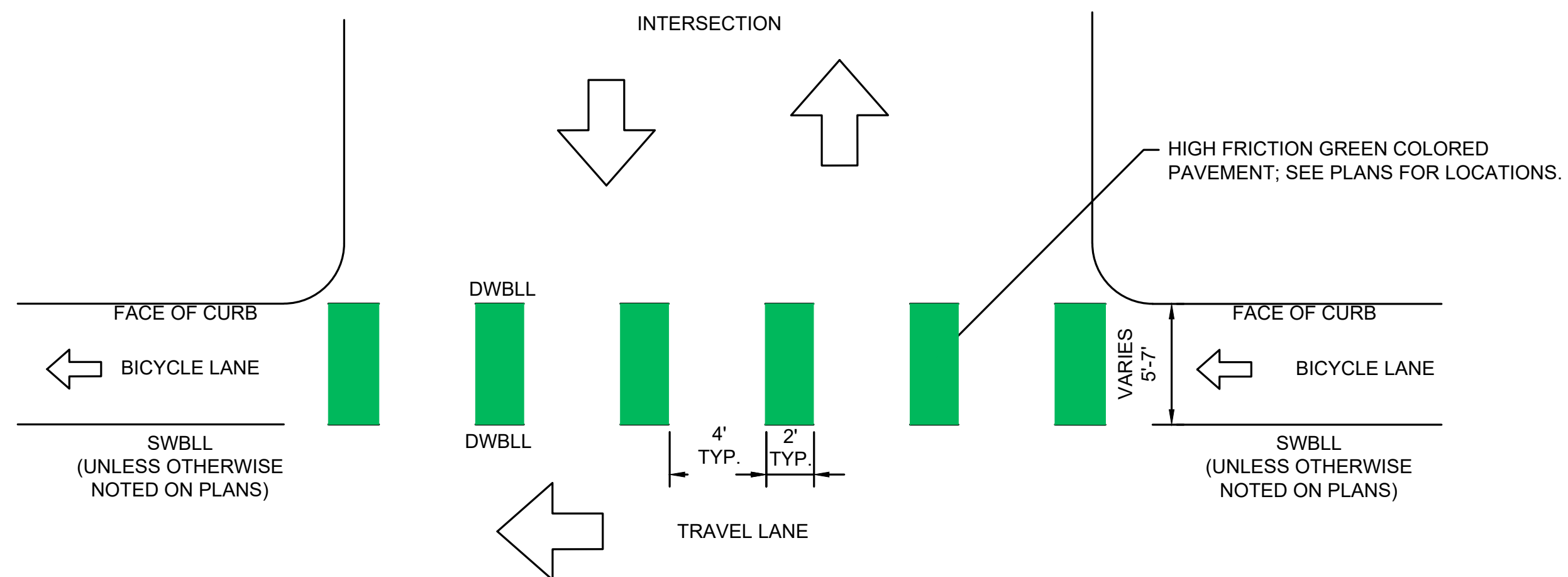
BUS STOP STRIPING NOTES:

1. STRIPE DOTTED WHITE BICYCLE LANE LINES 60' MINIMUM ON THE APPROACH TO THE BUS STOPS UNLESS SHOWN OTHERWISE ON PLANS.
2. BUS STOP STRIPING IS BASED ON 40' BUS LENGTHS FOR BIKE LANES WITH NO PARKING.

TYPICAL STRIPING WITH BUS STOPS
(UNLESS OTHERWISE NOTED ON PLANS)
NOT TO SCALE

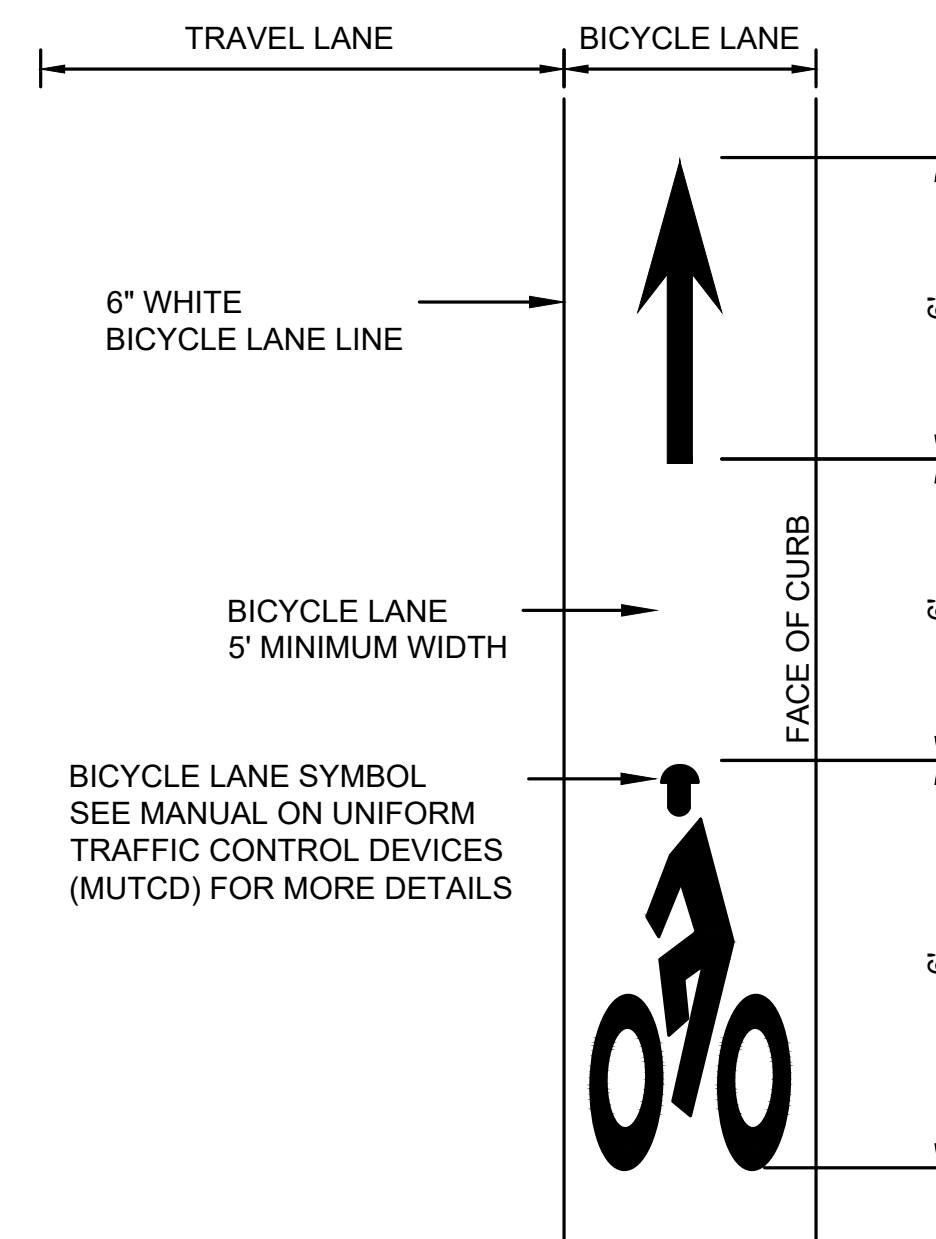


TYPICAL 28" WHITE FLEXPOST DETAIL
NOT TO SCALE

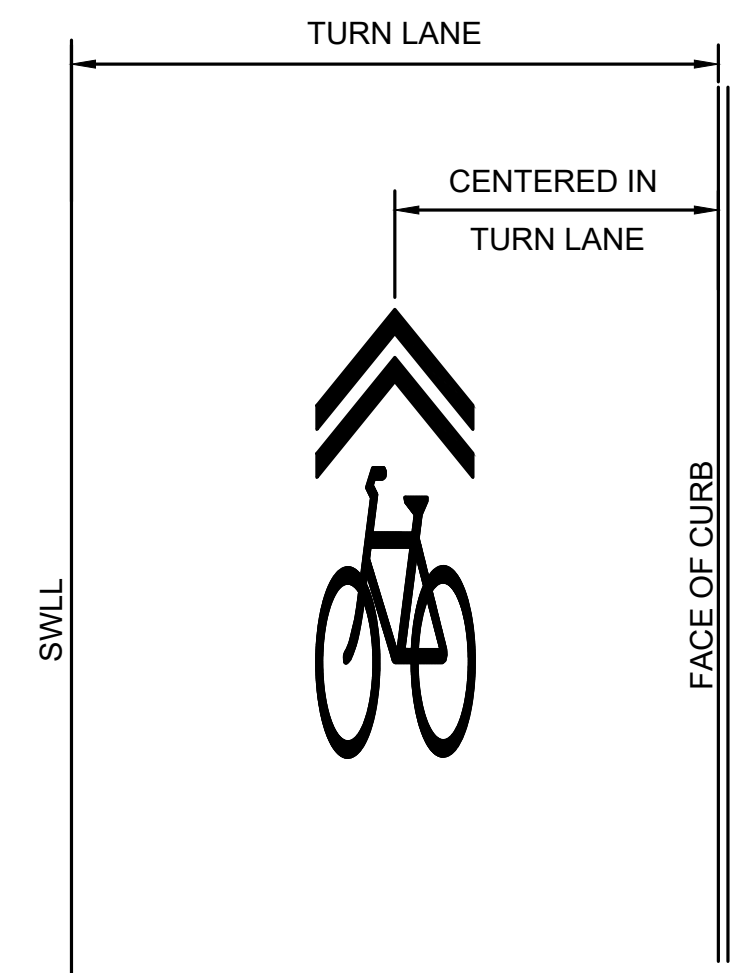


INTERSECTION TREATMENT NOTES:

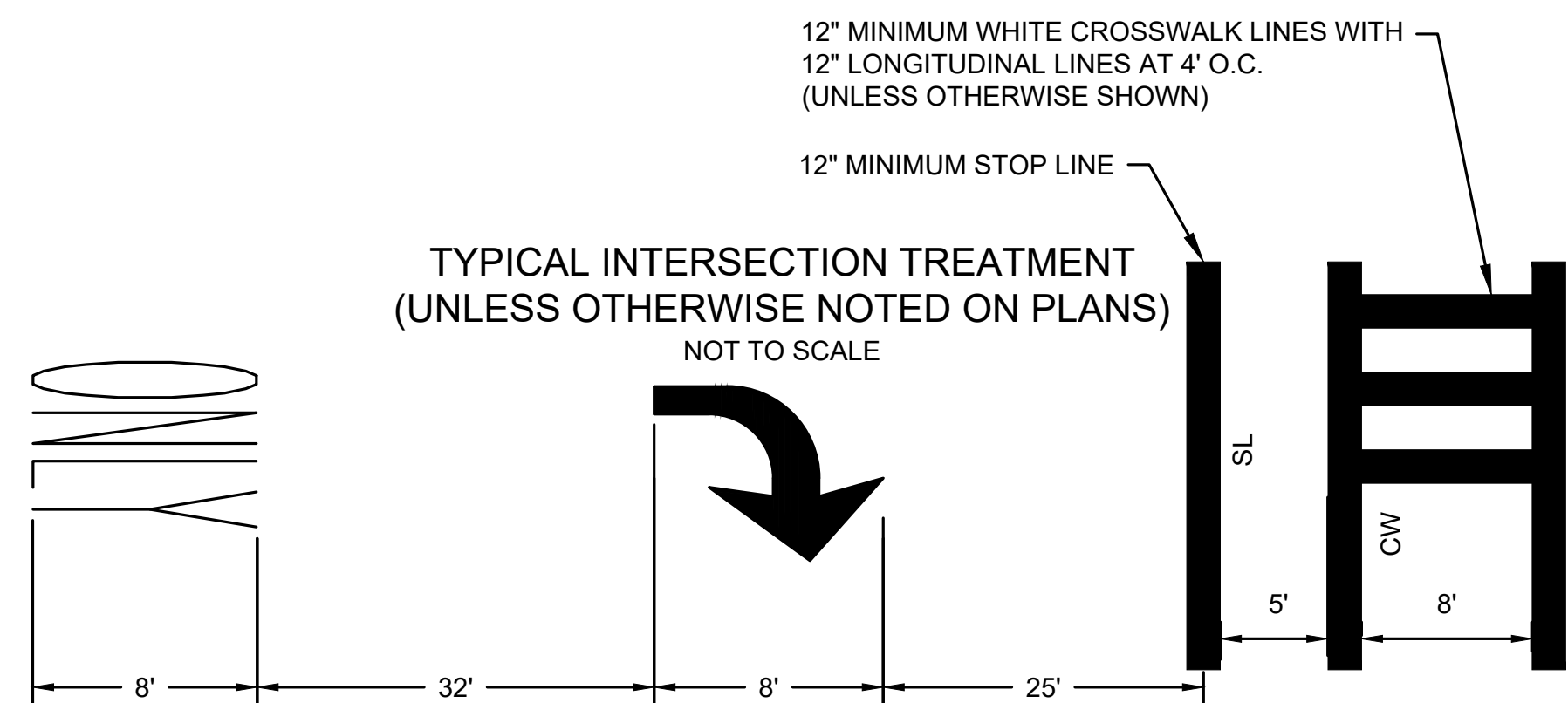
1. HIGH FRICTION GREEN COLORED PAVEMENT IS USED FOR HIGH TRAFFIC AREAS WHERE MOTOR VEHICLES TURN RIGHT ACROSS THE BICYCLE LANE. SEE PLANS FOR LOCATIONS.
2. INSTALL HIGH FRICTION GREEN COLORED PAVEMENT IN 2' DOTTED WHITE LANE LINES AS SHOWN ON PLANS.
3. INSTALL HIGH FRICTION GREEN COLORED PAVEMENT SO THAT CROSSWALK MARKINGS ARE NOT DISTURBED.
4. TRAVEL LANE WIDTHS ARE AS SHOWN ON PLANS.



TYPICAL BICYCLE LANE STRIPING ADJACENT TO CURB
NOT TO SCALE



CENTERED SHARED LANE MARKING SYMBOL
PLACEMENT IN LANE
NOT TO SCALE

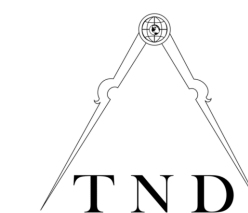


TYPICAL PAVEMENT MARKING SYMBOLS
AND STOP LINE PLACEMENT
NOT TO SCALE



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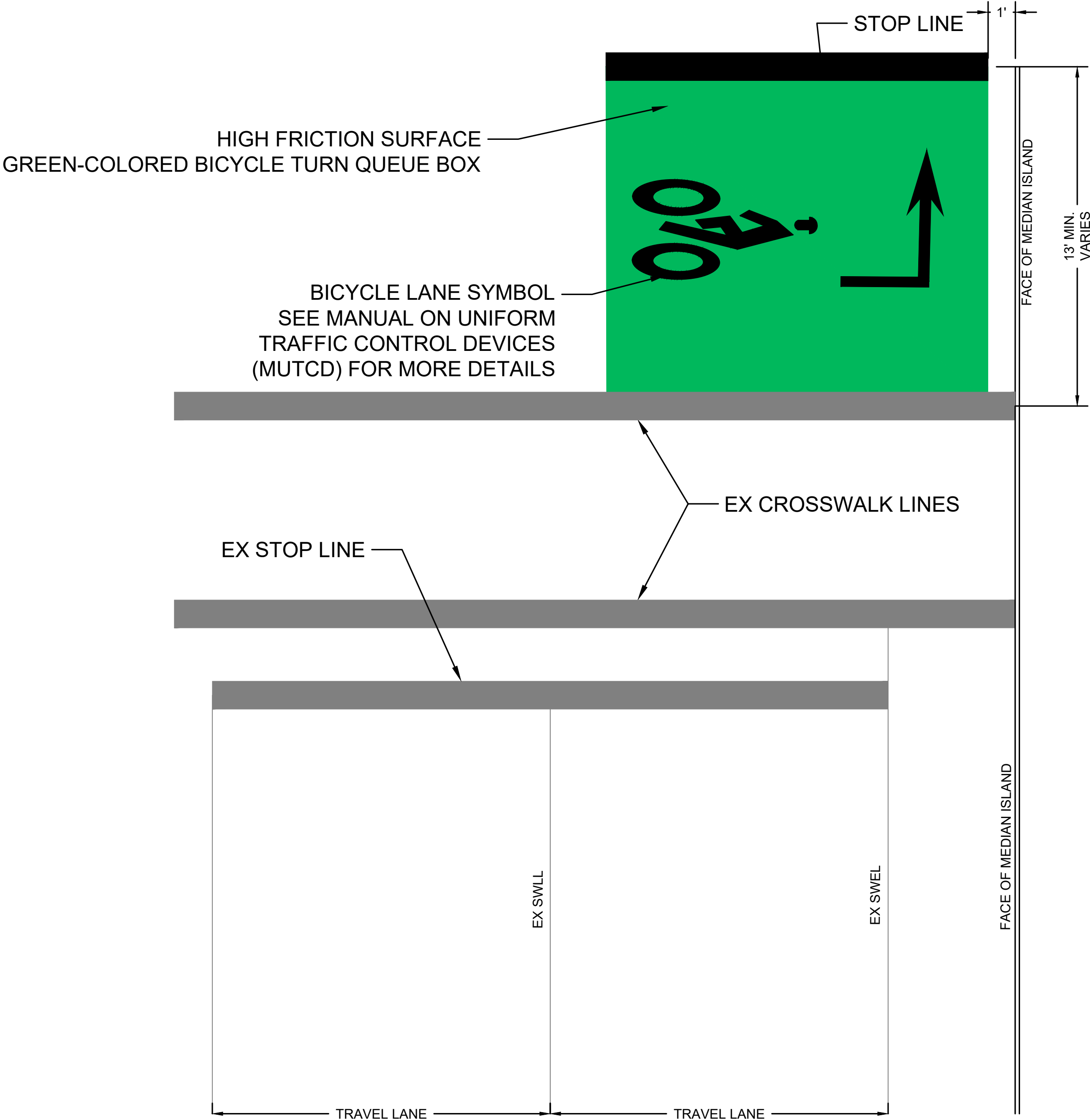
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PS&E SUBMISSION

CONSTRUCTION DETAILS
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	D-001
CHECKED BY:	RC	SHEET	3 of 21



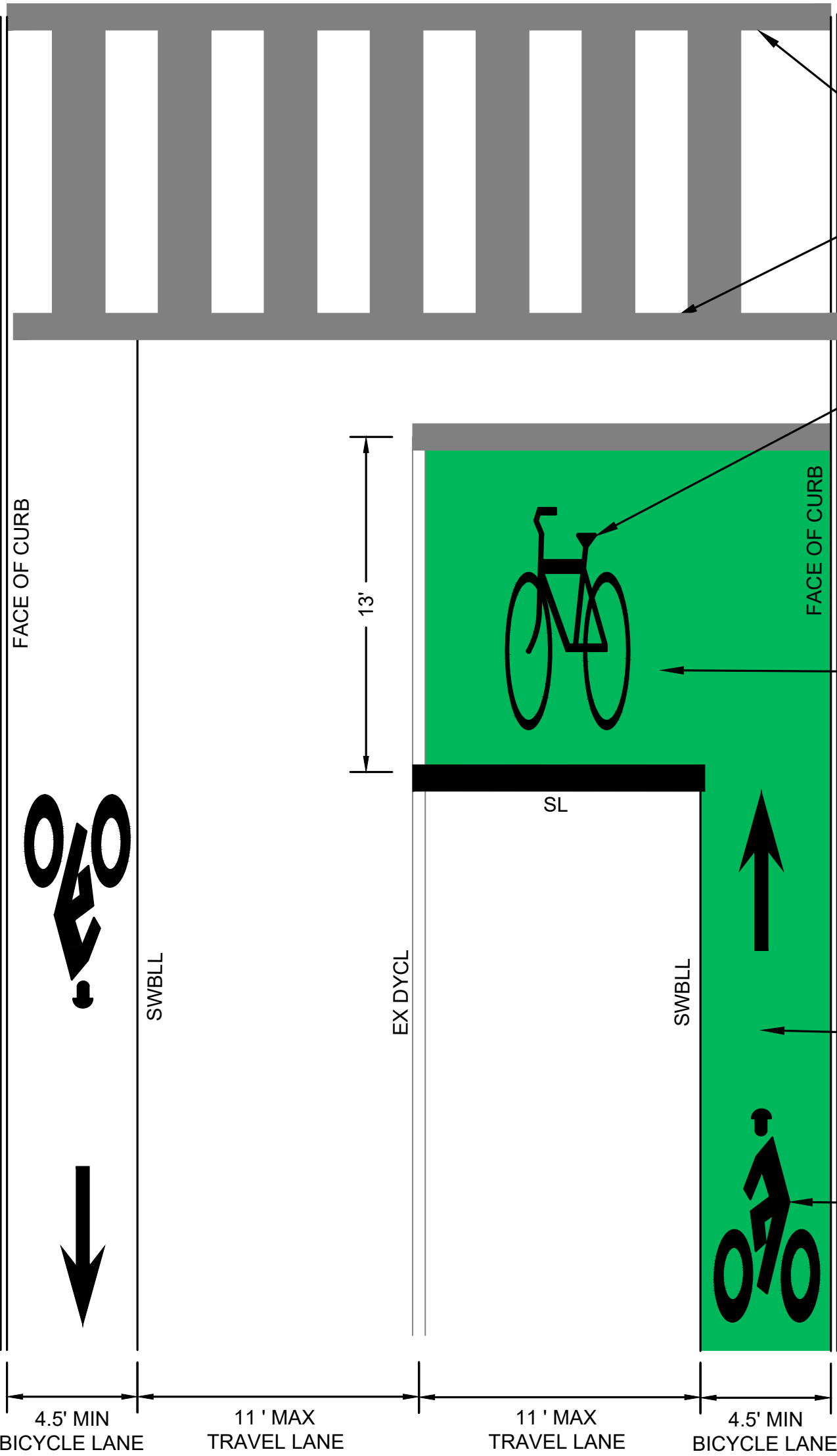
- LEFT-TURN QUEUE BOX NOTES:
1. INSTALL STOP LINE FOR LEFT-TURN QUEUE BOX 13' MINIMUM AFTER CROSSWALK. SEE PLANS FOR DETAILS.
 2. SEE PLAN SHEETS FOR LEFT-TURN QUEUE BOX LOCATIONS AND SYMBOL LOCATIONS.
 3. DO NOT INSTALL SYMBOLS ON LANE LINES, CROSSWALK LINES, OR STOP LINES.
 4. CENTER SYMBOLS BETWEEN CROSSWALK AND STOP LINE OF BICYCLE BOX.
 5. PLACE LEFT-TURN QUEUE BOX BEHIND PATH OF CROSS STREET TRAFFIC OF THE INTERSECTING STREET.
 6. INSTALL HIGH FRICTION SURFACE GREEN-COLORED PAVEMENT SO THAT CROSSWALK MARKINGS ARE NOT DISTURBED.

LEFT-TURN QUEUE BOX DETAIL
NOT TO SCALE



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- NOTES:
1. PLACE STOP LINE 13' IN ADVANCE OF EXISTING STOP LINE.
 2. SEE PLAN SHEETS FOR BICYCLE BOX LOCATIONS AND SYMBOL LOCATIONS.
 3. DO NOT PLACE SYMBOLS ON LANE LINES, CROSSWALK LINES, OR STOP LINES.
 4. CENTER SYMBOLS BETWEEN CROSSWALK AND STOP LINE OF BICYCLE BOX.
 5. INSTALL GREEN PAVEMENT SO THAT CROSSWALK MARKINGS ARE NOT DISTURBED.

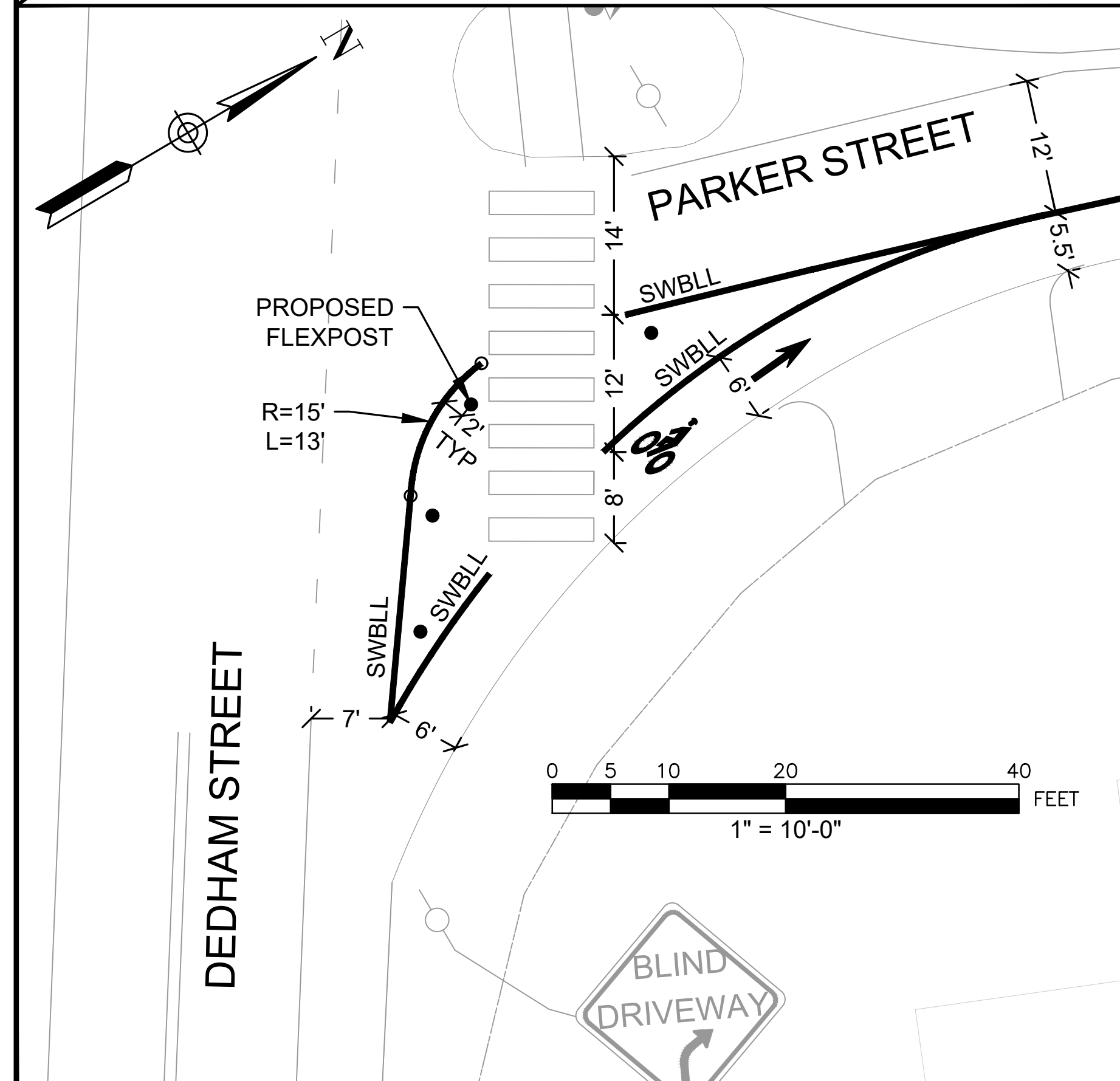
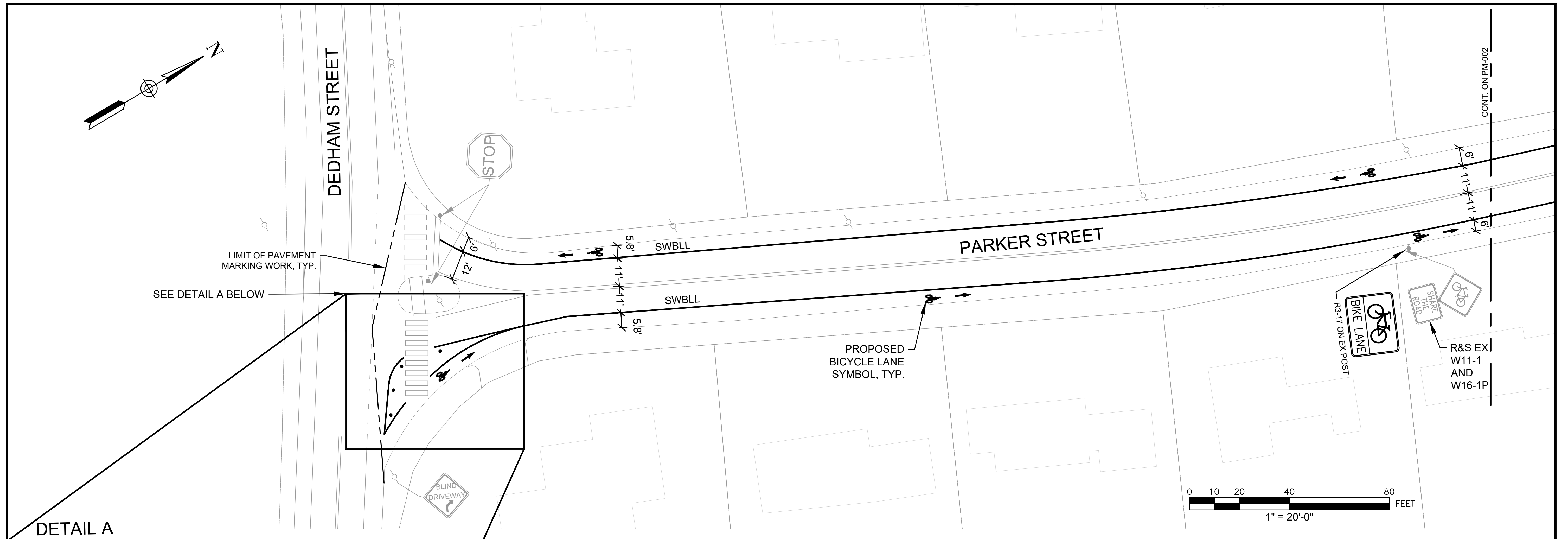
TYPICAL BICYCLE BOX PLACEMENT
RIGHT SIDE BICYCLE LANE
NOT TO SCALE

- EXISTING CROSSWALK MARKINGS
- BICYCLE LANE SYMBOL - SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR MORE DETAILS. PLACE A SYMBOL WITHOUT ARROWS IN CENTER OF TRAVEL LANE TO IDENTIFY BICYCLE BOX.
- HIGH FRICTION SURFACE GREEN COLORED BICYCLE BOX
- HIGH FRICTION SURFACE GREEN COLORED BICYCLE INGRESS LANE
- BICYCLE LANE SYMBOL
SEE MANUAL ON UNIFORM
TRAFFIC CONTROL DEVICES
(MUTCD) FOR MORE DETAILS

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CONSTRUCTION DETAILS
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	D-002
CHECKED BY:	RC	SHEET	4 of 21

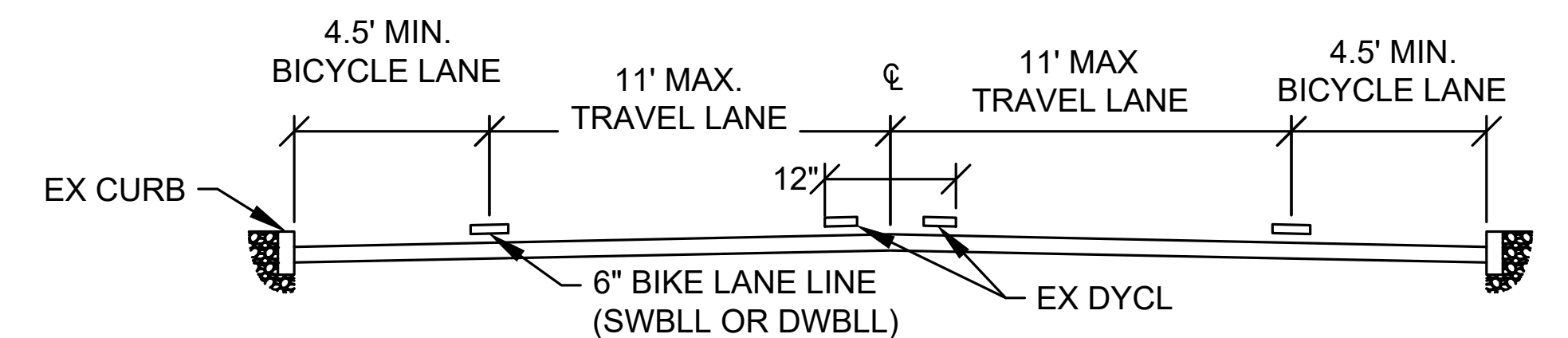


DETAIL A NOTES:

1. MAINTAIN CROSSWALK AND STOP LINES. DO NOT PAINT OVER CROSSWALKS OR STOP LINES.
2. INSTALL FLEXPOSTS 2' OFF SWBLL, TYP.
3. FLEXPOST SPACING APPROXIMATELY 10' O.C.
4. INSTALL FLEXPOSTS OUTSIDE OF CROSSWALKS.

TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
2. PAINT 11' MAX TRAVEL LANES MEASURED FROM CENTER OF DYCL UNLESS OTHERWISE NOTED ON PLANS.
3. BICYCLE LANE WIDTHS TO BE EQUAL. APPROXIMATE DIMENSIONS SHOWN FOR GENERAL REFERENCE ONLY, TYP.
4. MINIMUM BICYCLE LANE WIDTH = 4.5'.



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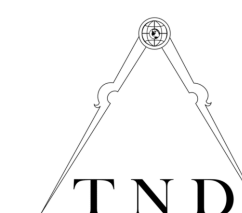
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

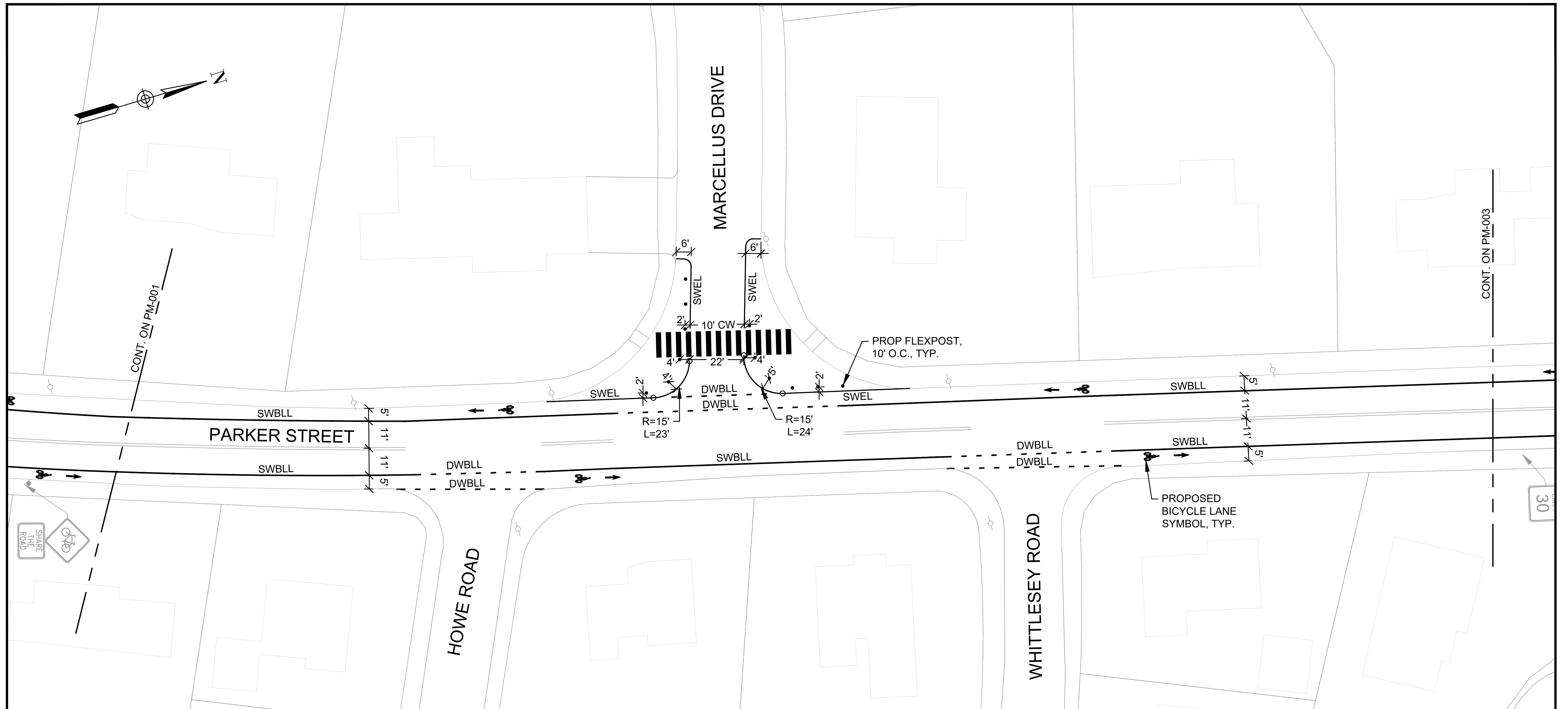
DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-001
CHECKED BY:	RC	SHEET	5 of 21



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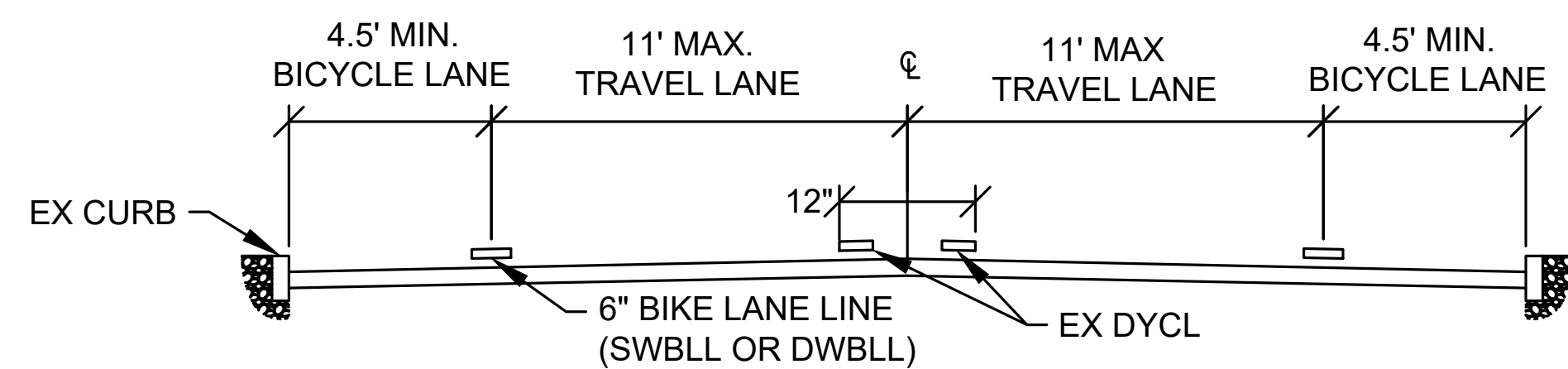
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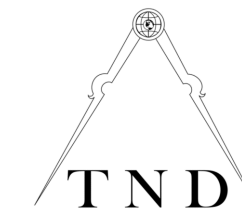
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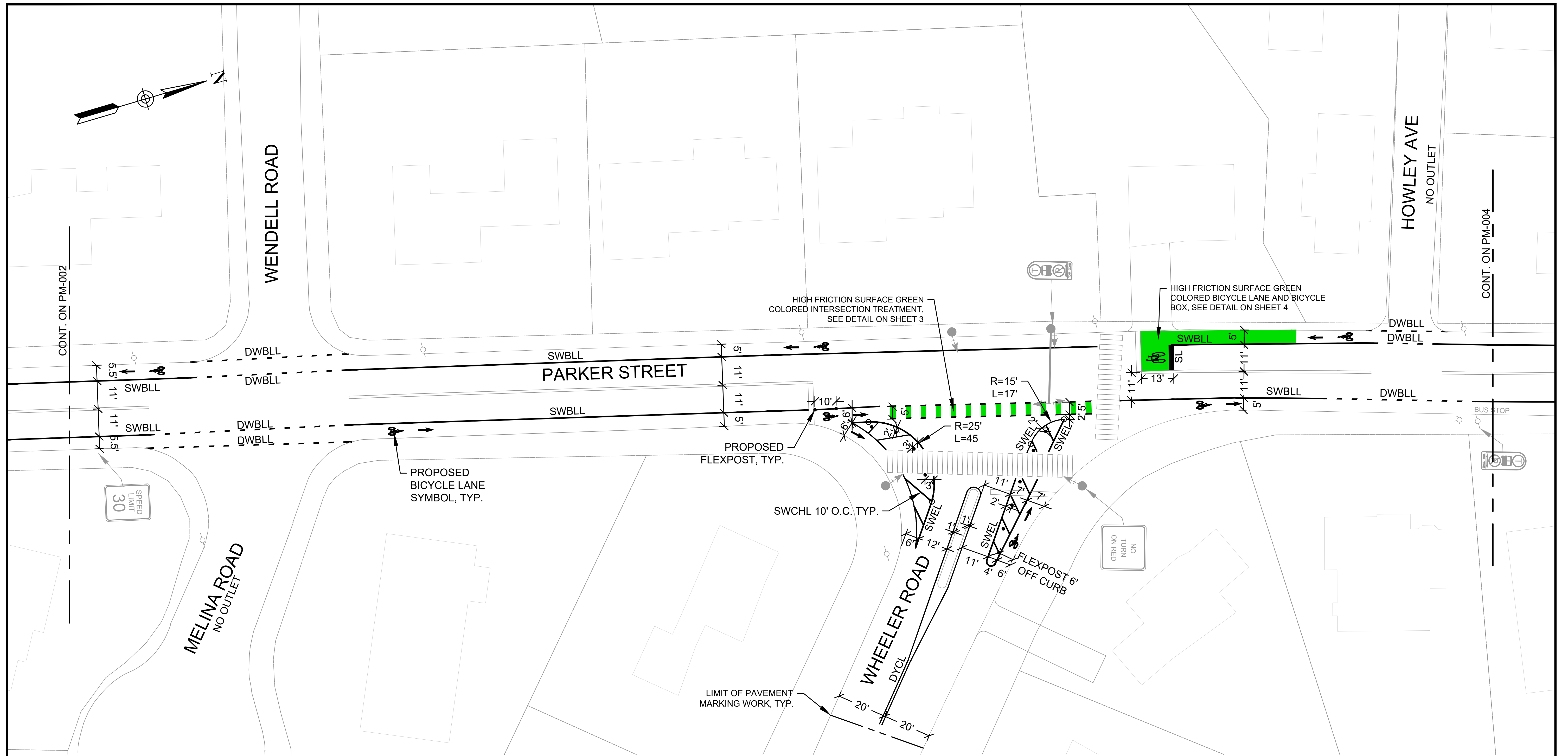
FLEXPOST NOTES:

1. EFFECTIVE DESIGN RADIUS AT FLEXPOST = 35' FROM OUTSIDE SWBLL TO SWEL.

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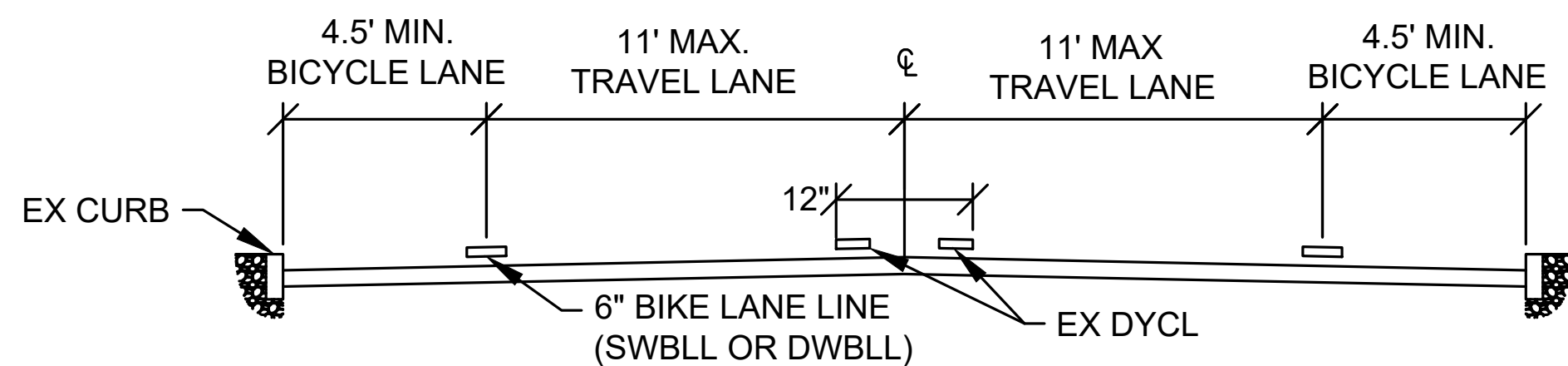
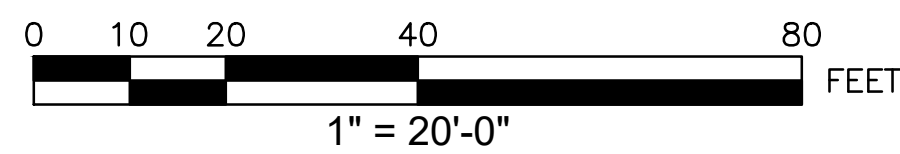
PAVEMENT MARKING AND SIGNAGE PARKER STREET / CYPRESS STREET / CENTRE STREET CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-002
CHECKED BY:	RC	SHEET	6 of 21



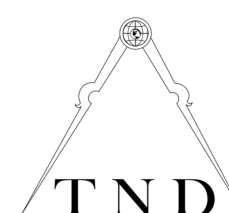
TYPICAL PAVEMENT MARKING DETAIL NOTES

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4. MINIMUM BICYCLE LANE WIDTH = 4.5'.



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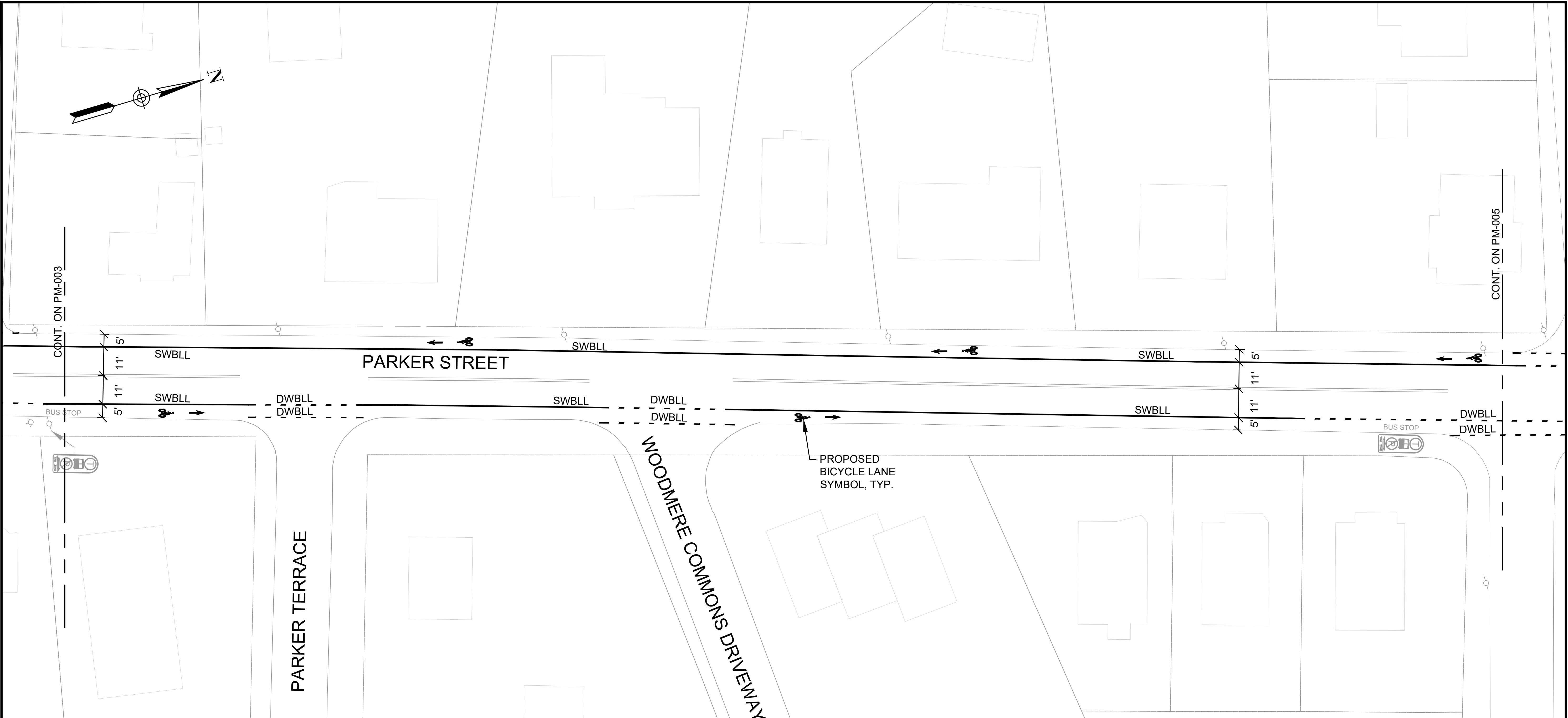
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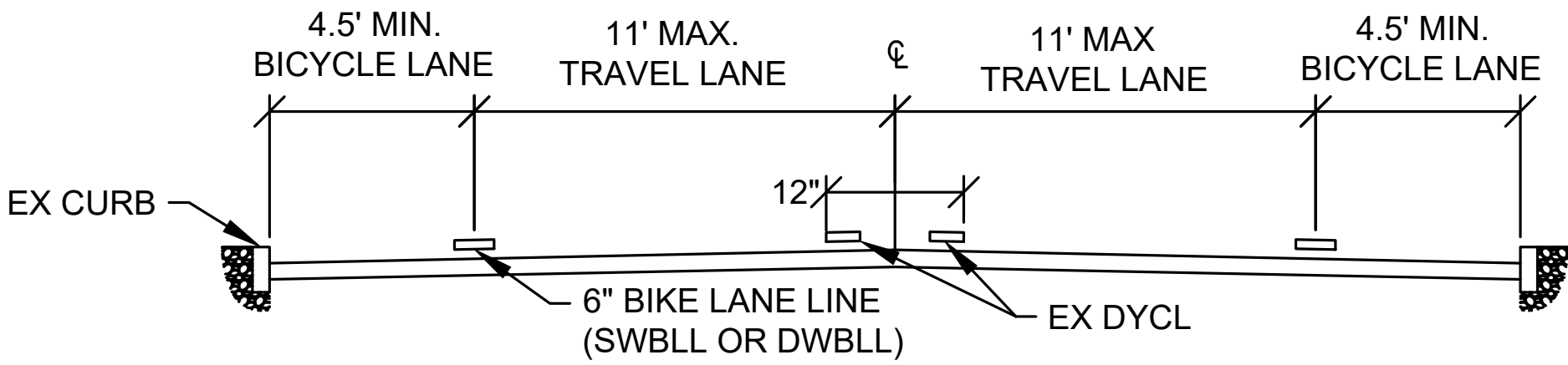
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-003
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TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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4. MINIMUM BICYCLE LANE WIDTH = 4.5'.



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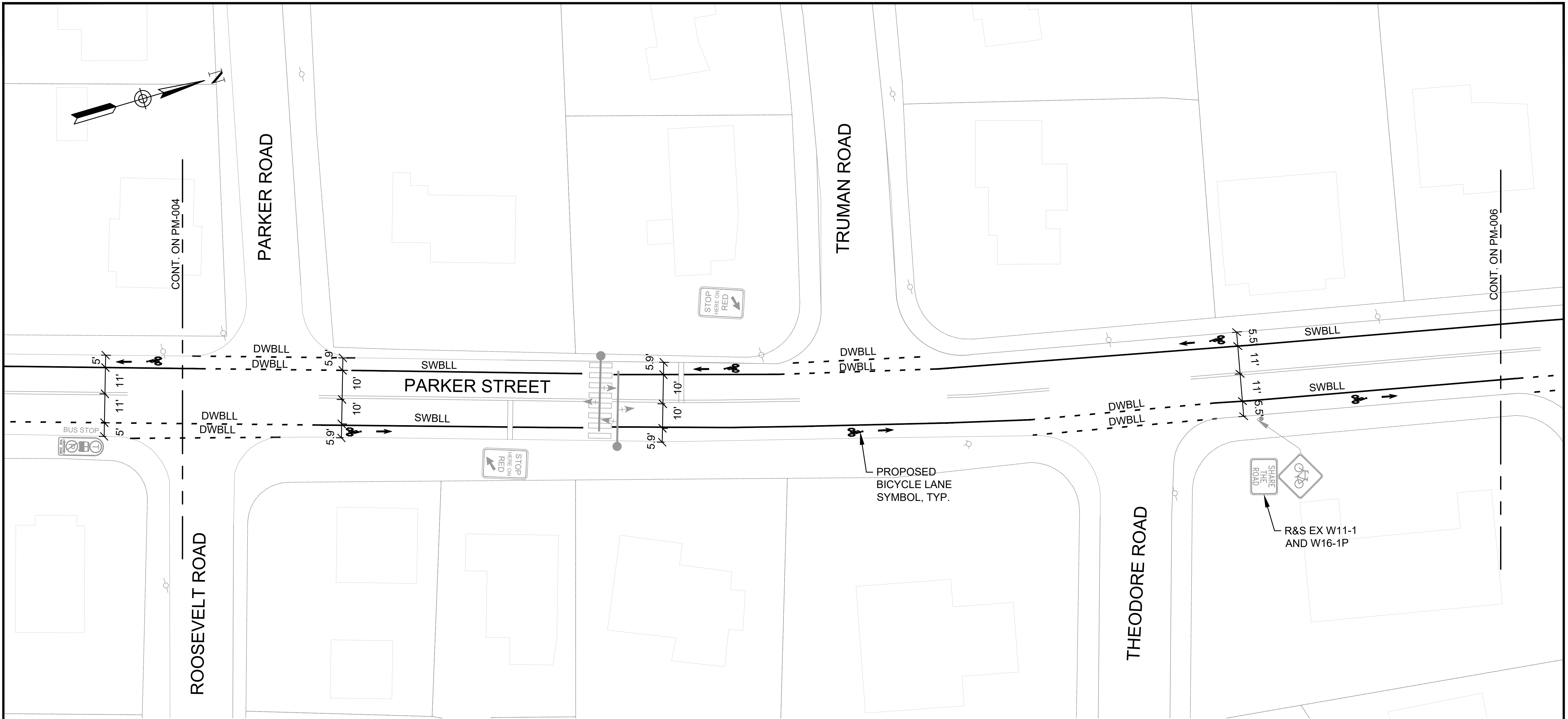
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PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

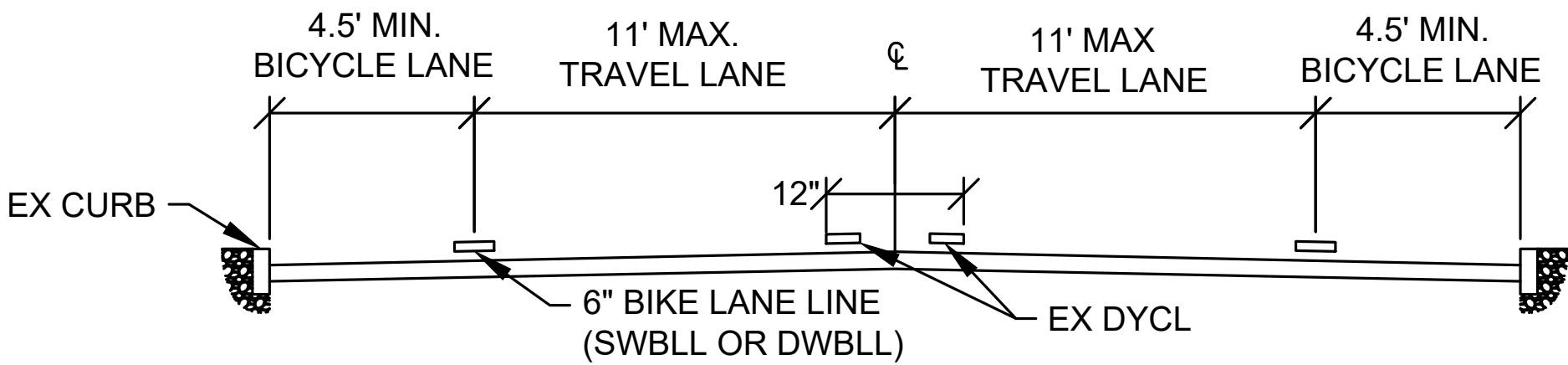
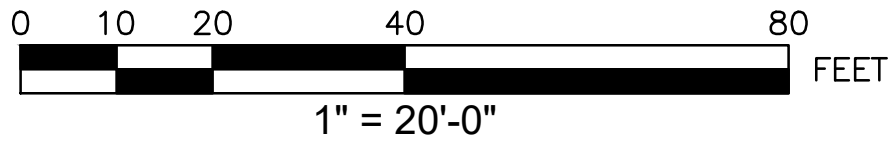
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PREPARED BY:	JM	DRAWING NO.	PM-004
CHECKED BY:	RC	SHEET	8 of 21

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TYPICAL PAVEMENT MARKING DETAIL NOTES

- 1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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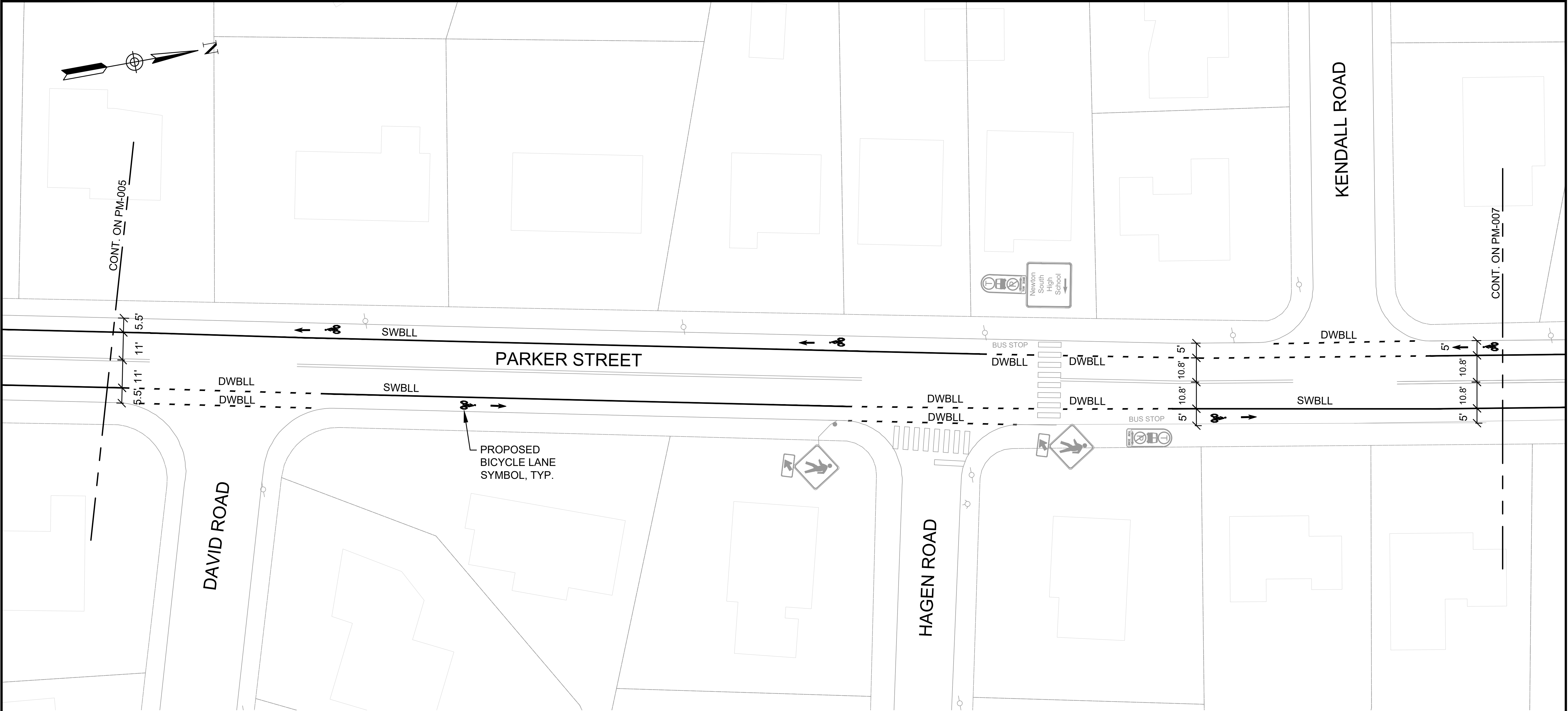
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PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

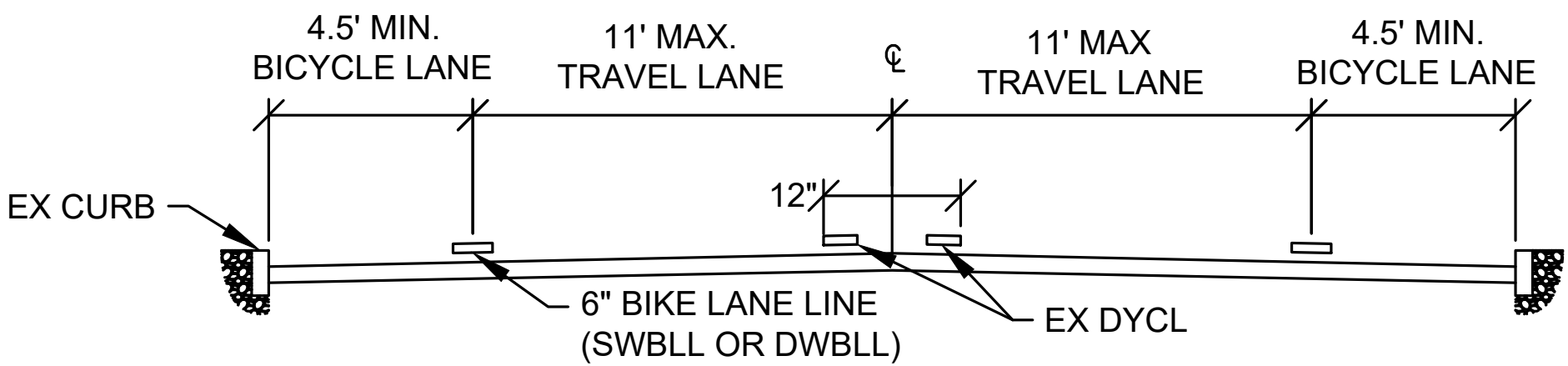
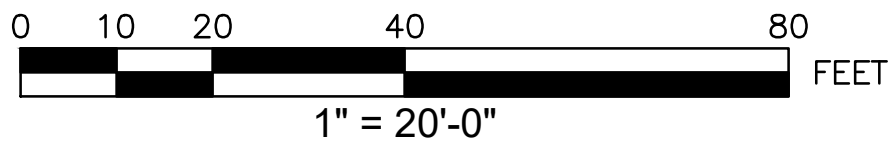
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PREPARED BY:	JM	DRAWING NO.	PM-005
CHECKED BY:	RC	SHEET	9 of 21

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TYPICAL PAVEMENT MARKING DETAIL NOTES

- 1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature

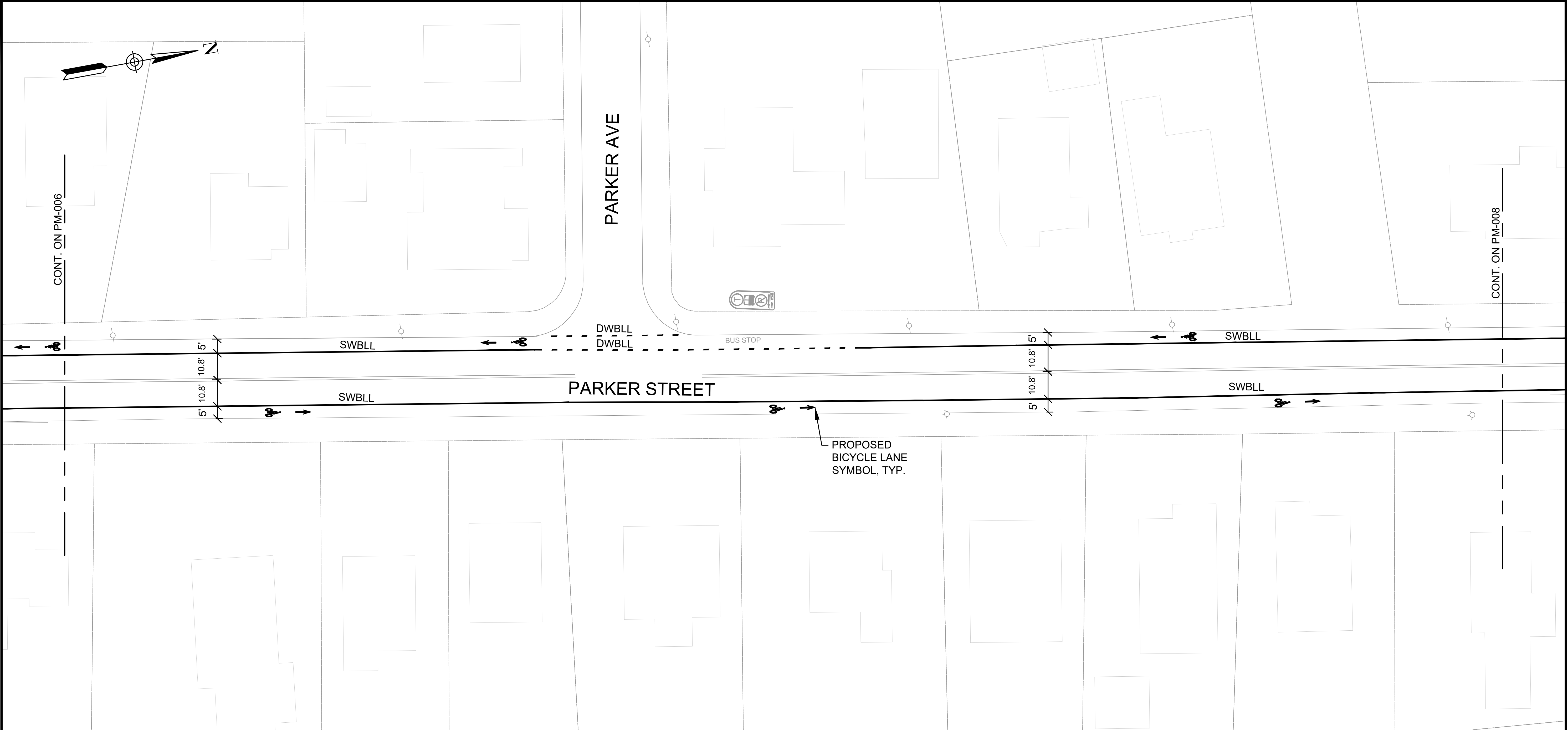
neighborwaysdesign



PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

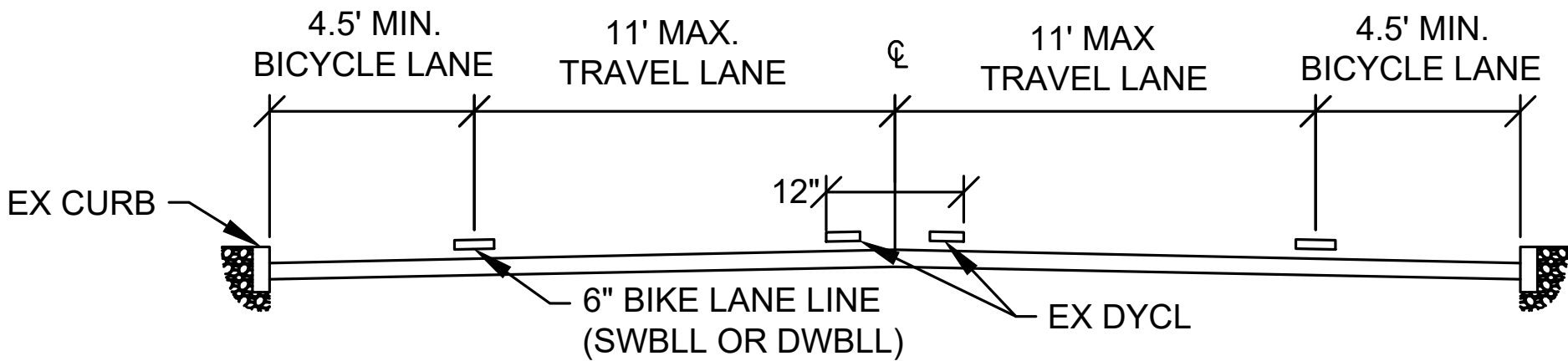
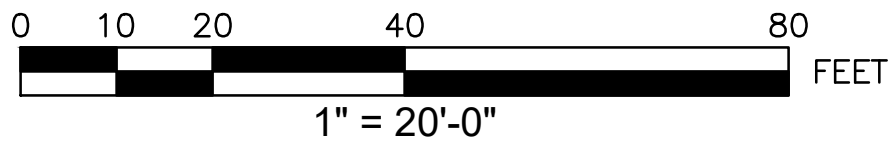
DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-006
CHECKED BY:	RC	SHEET	10 of 21

PS&E SUBMISSION



TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
2. PAINT 11' MAX TRAVEL LANES MEASURED FROM CENTER OF DYCL UNLESS OTHERWISE NOTED ON PLANS.
3. BICYCLE LANE WIDTHS TO BE EQUAL. APPROXIMATE DIMENSIONS SHOWN FOR GENERAL REFERENCE ONLY, TYP.
4. MINIMUM BICYCLE LANE WIDTH = 4.5'.



Handwritten signature

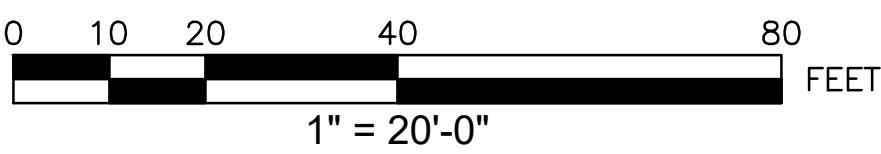
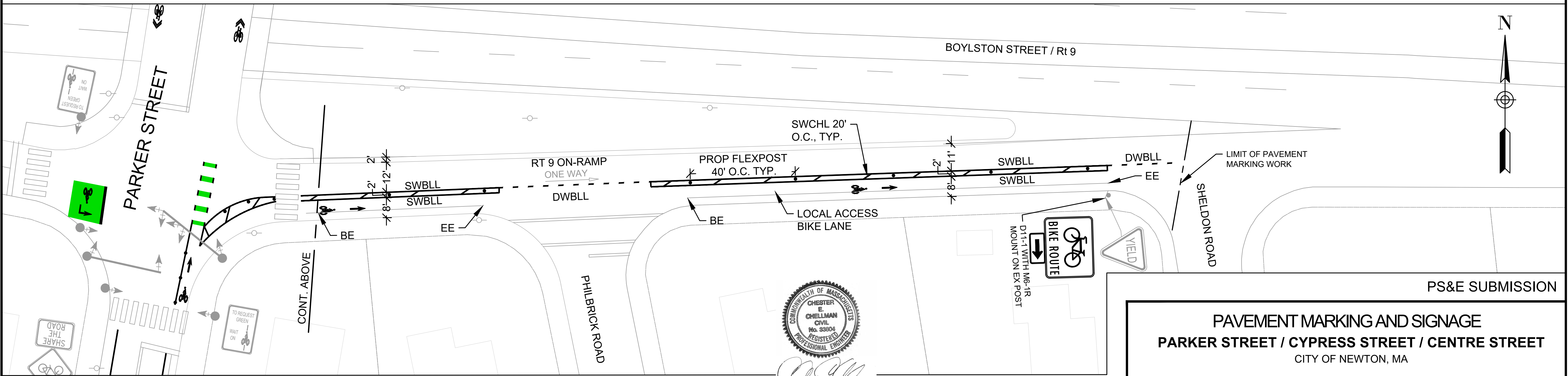
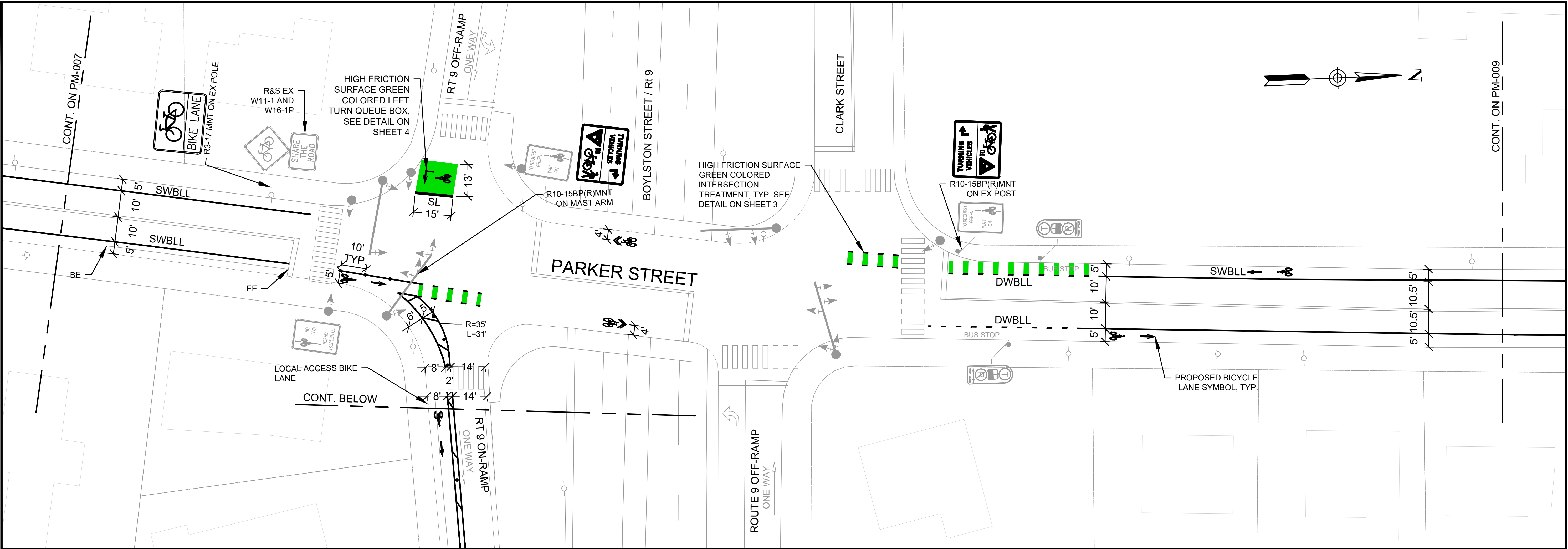
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PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-007
CHECKED BY:	RC	SHEET	11 of 21

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PAVEMENT MARKING AND SIGNAGE

PARKER STREET / CYPRESS STREET / CENTRE STREET

CITY OF NEWTON, MA

DESIGNED BY: JM

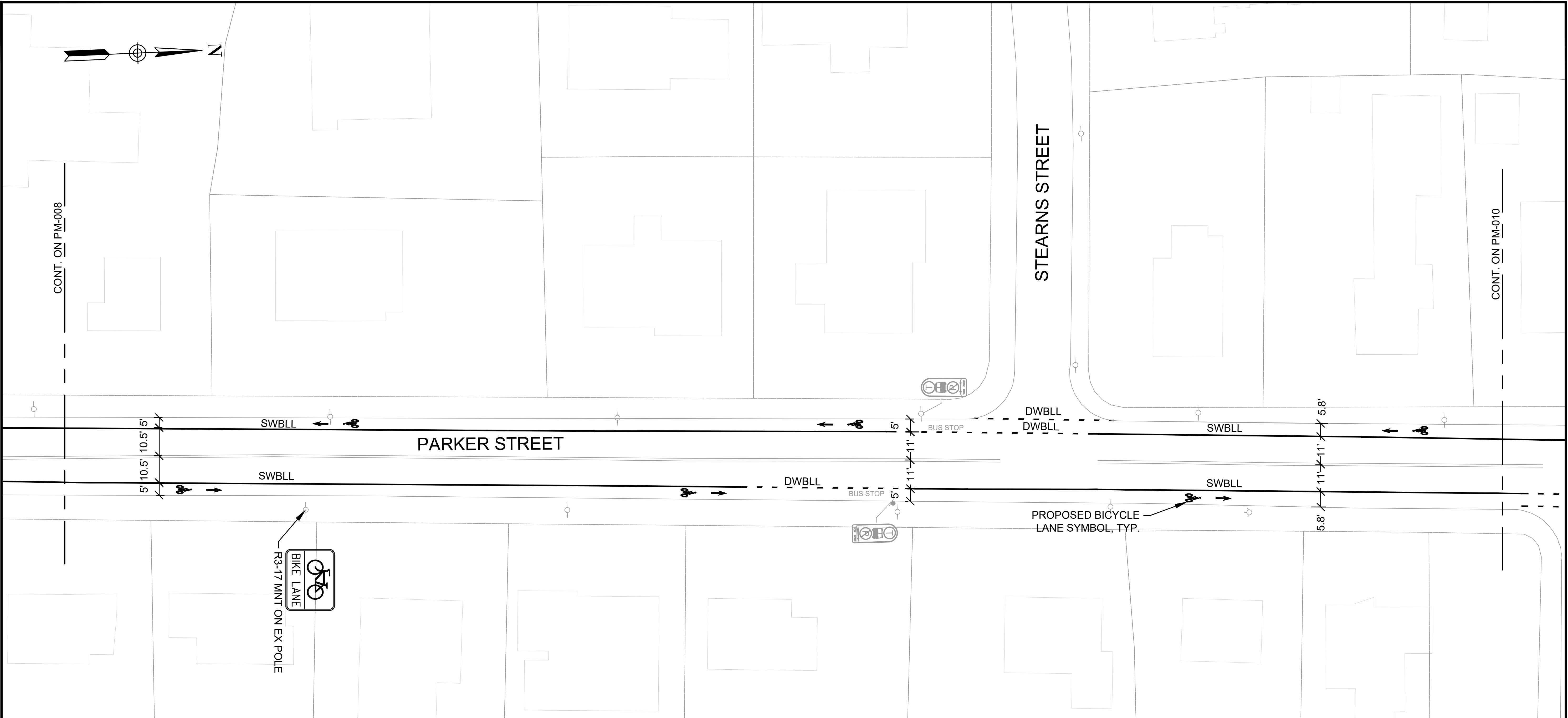
PREPARED BY: JM

CHECKED BY: RC

DATE: 04/02/2021

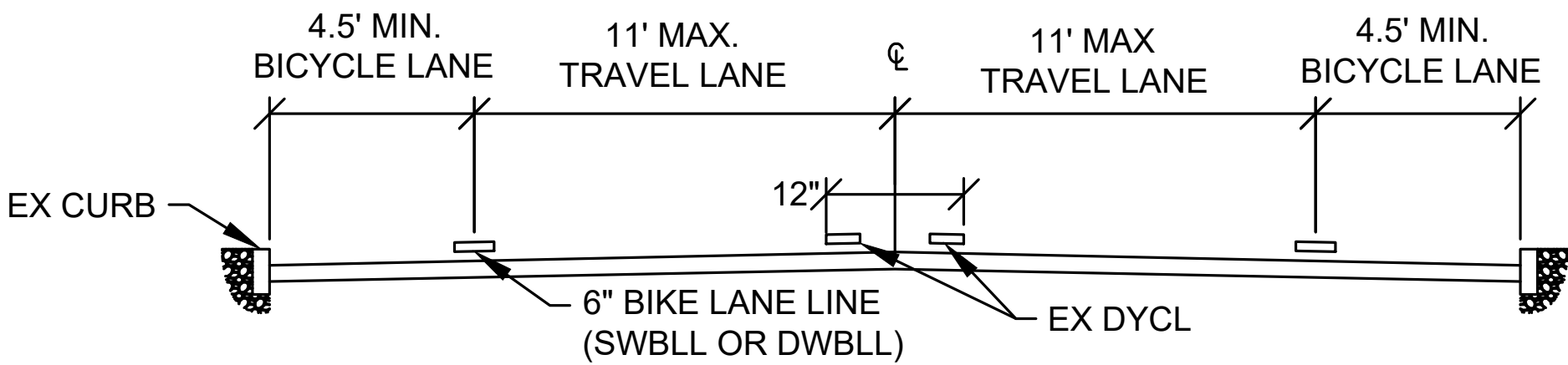
DRAWING NO. PM-008

SHEET 12 of 21



TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature of Chester E. Chellman

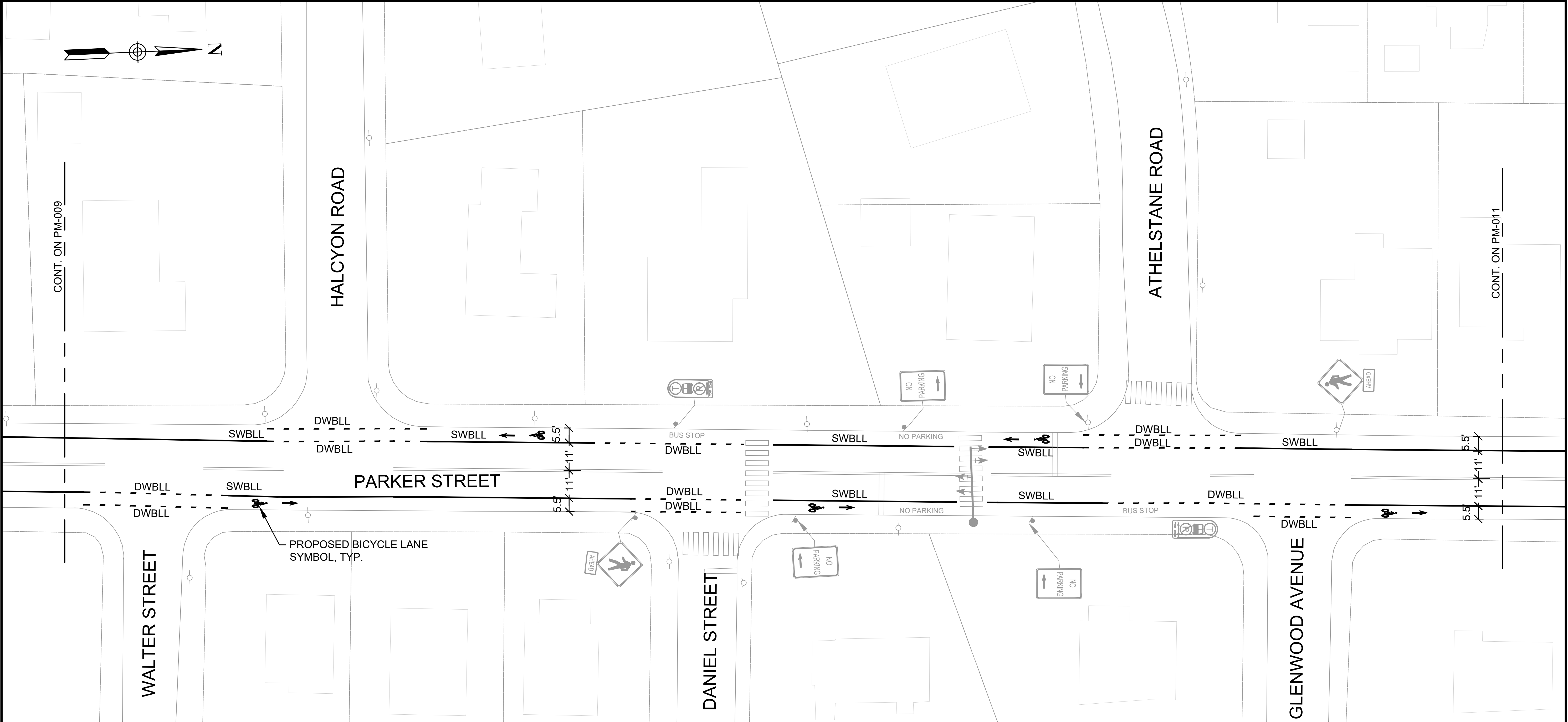
neighborwaysdesign



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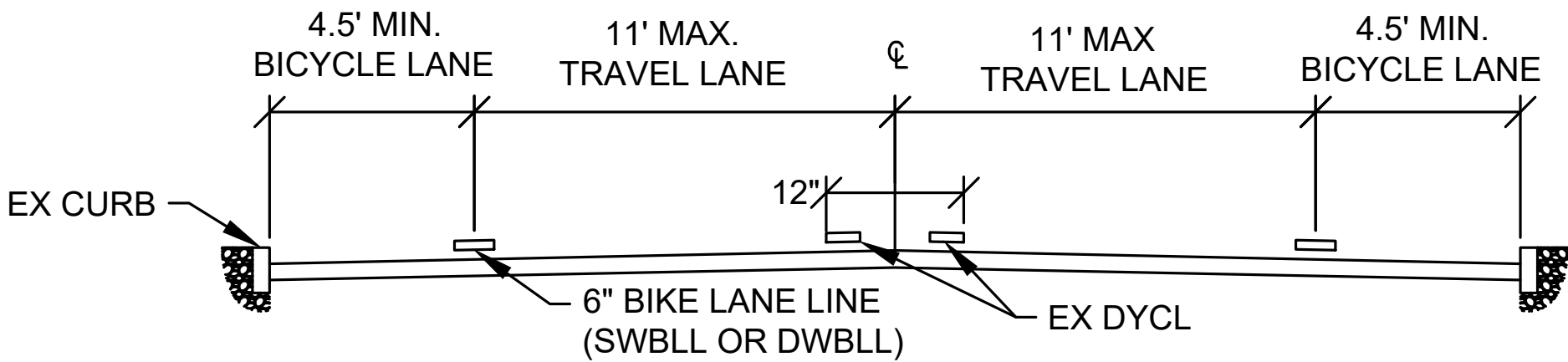
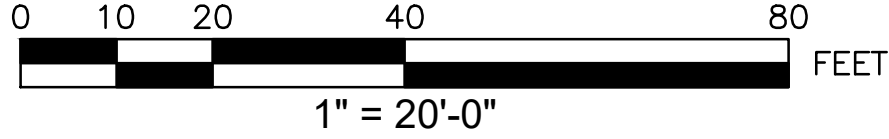
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-009
CHECKED BY:	RC	SHEET	13 of 21



TYPICAL PAVEMENT MARKING DETAIL NOTES

- 1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature of Chester E. Chellman

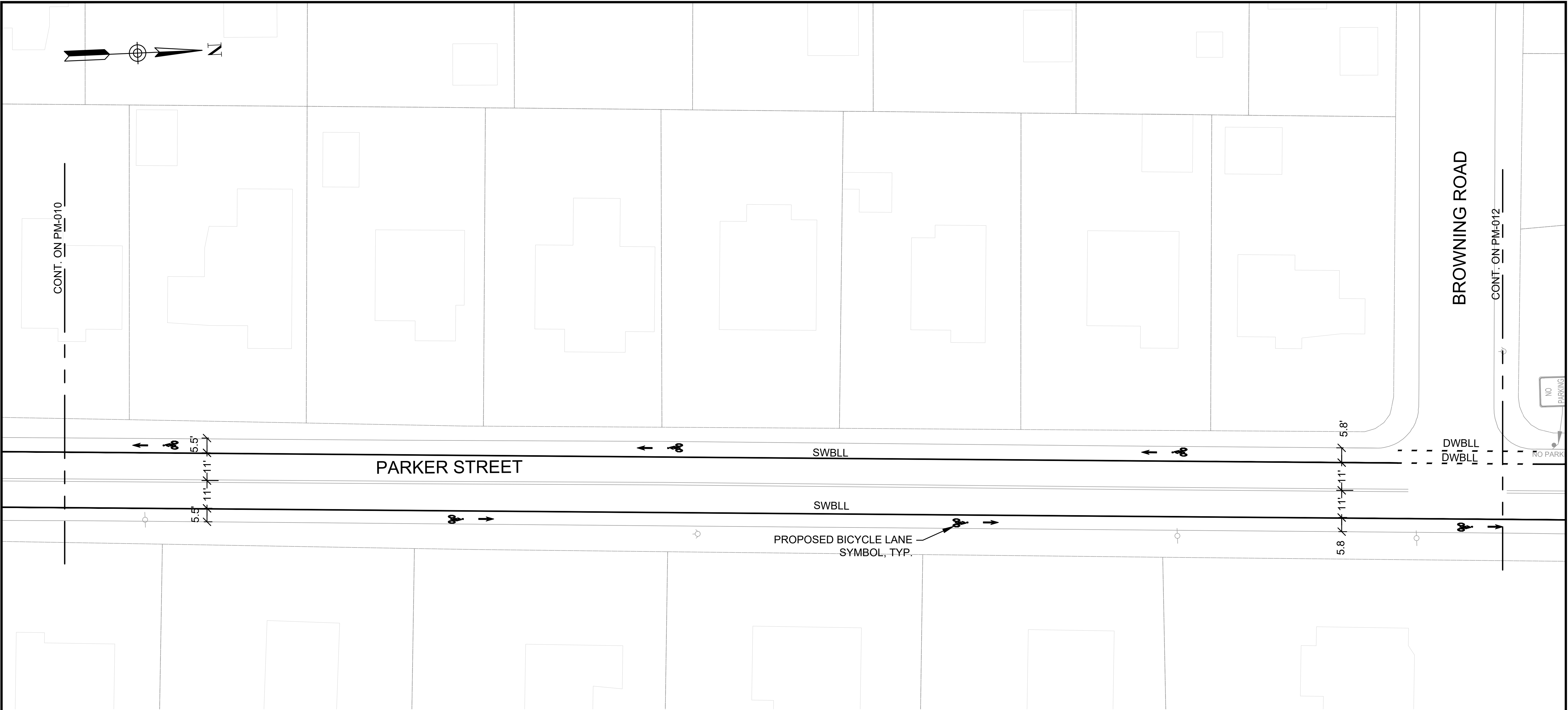
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PS&E SUBMISSION

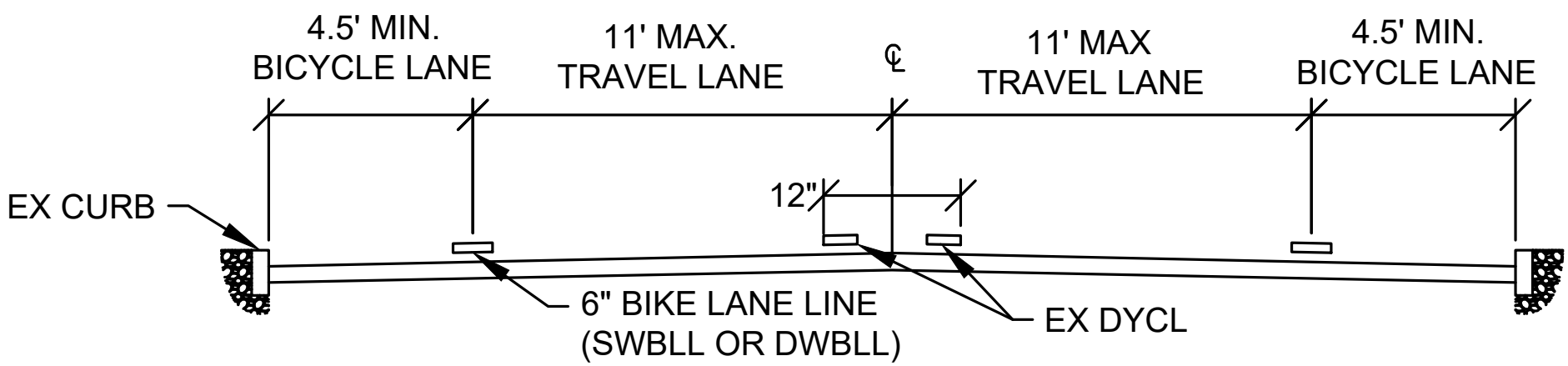
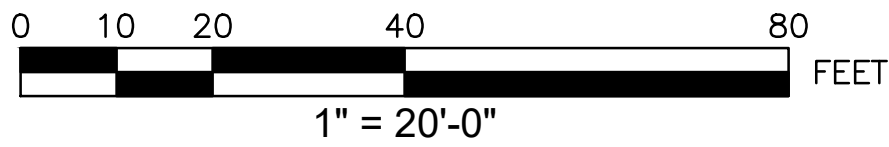
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-010
CHECKED BY:	RC	SHEET	14 of 21



TYPICAL PAVEMENT MARKING DETAIL NOTES

- 1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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PAVEMENT MARKING AND SIGNAGE

PARKER STREET / CYPRESS STREET / CENTRE STREET

CITY OF NEWTON, MA

DESIGNED BY: JM

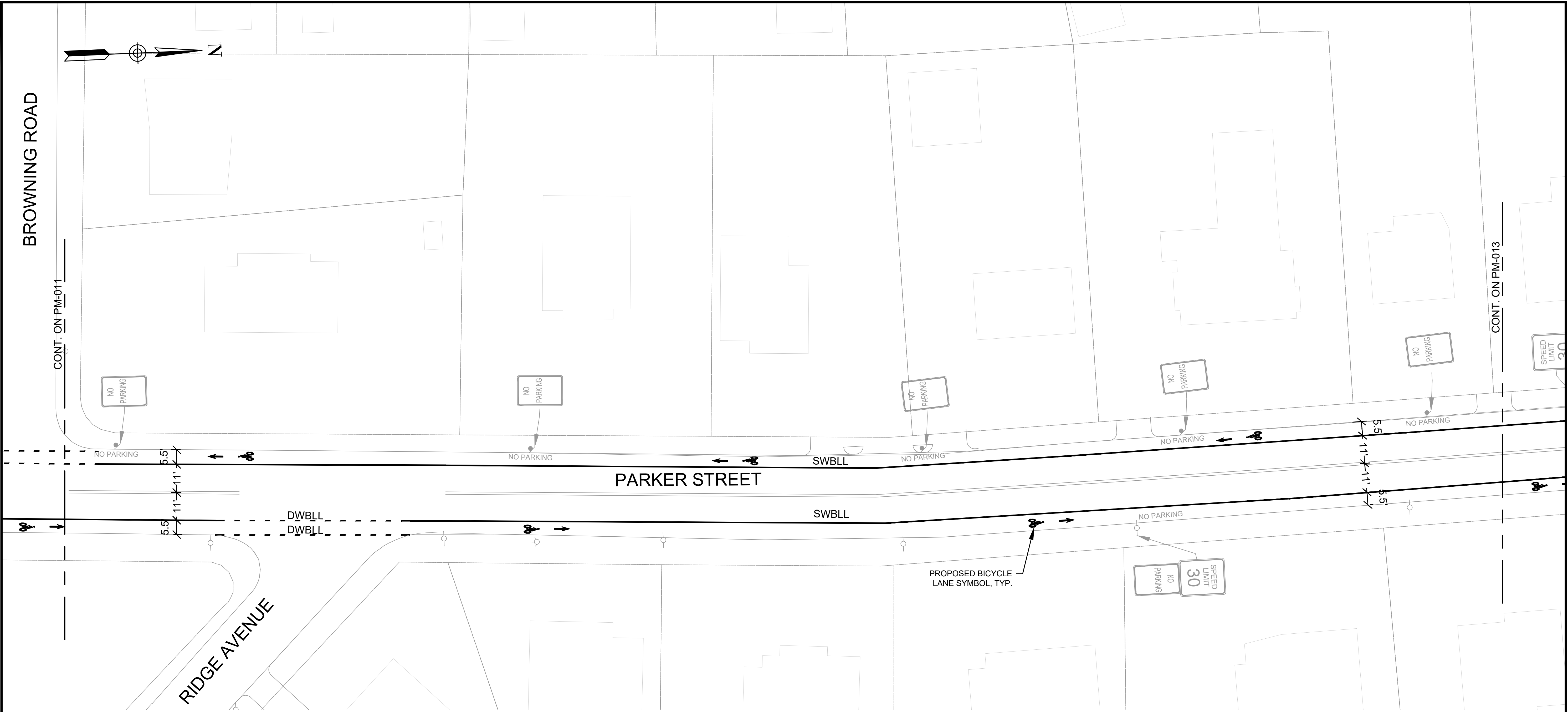
PREPARED BY: JM

CHECKED BY: RC

DATE: 04/02/2021

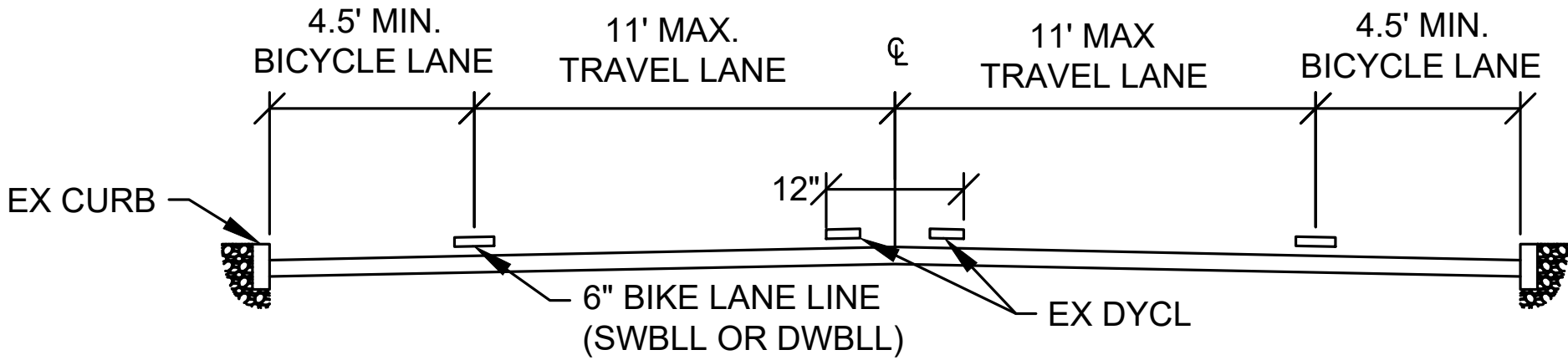
DRAWING NO. PM-011

SHEET 15 of 21



TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature of Chester E. Chellman

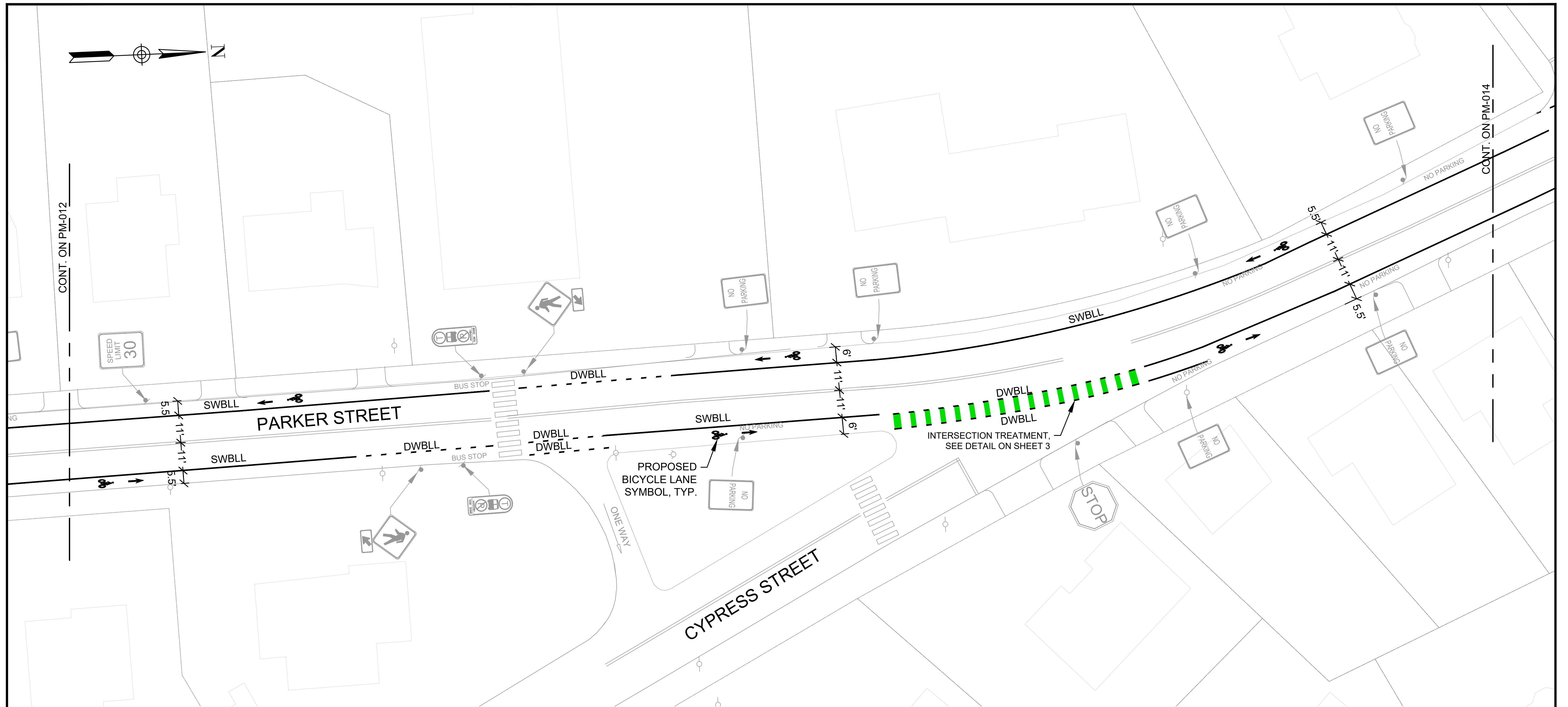
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PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

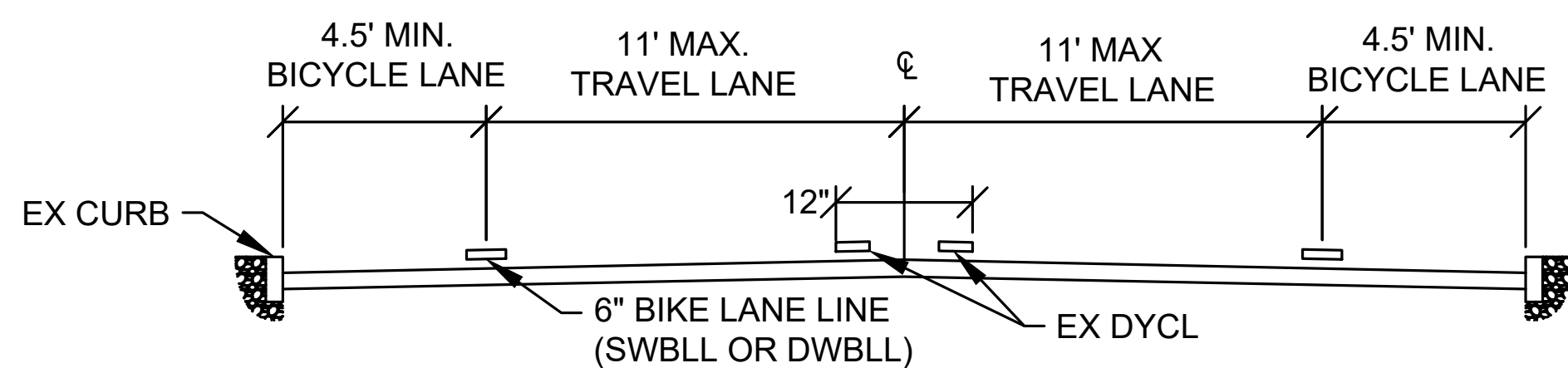
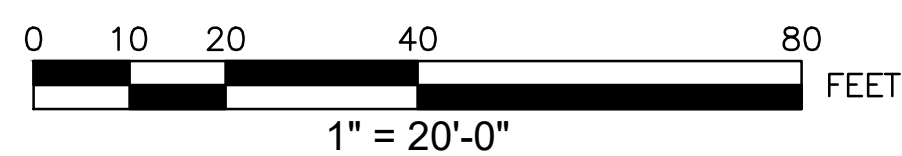
DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-012
CHECKED BY:	RC	SHEET	16 of 21

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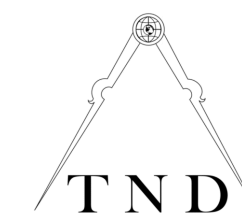
TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature of Chester E. Chellman

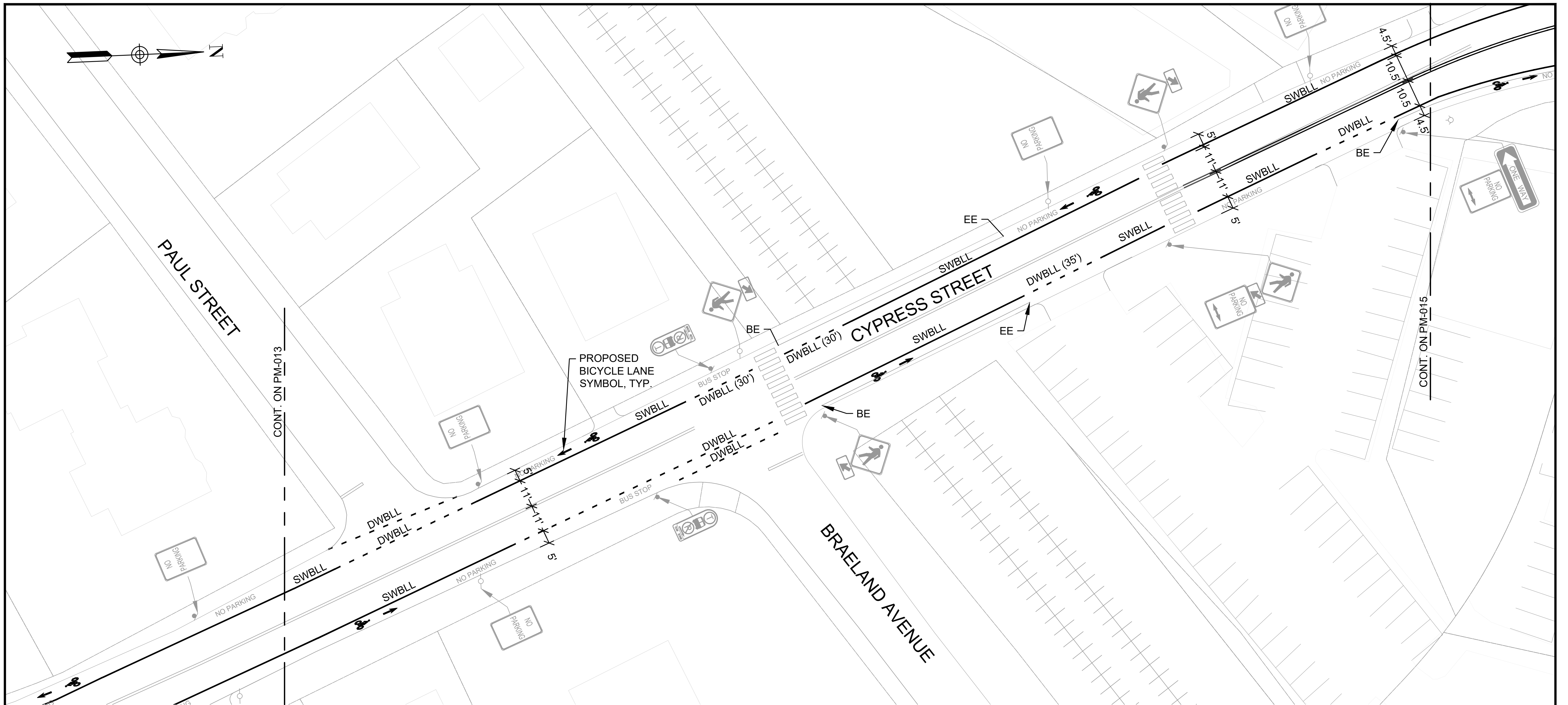
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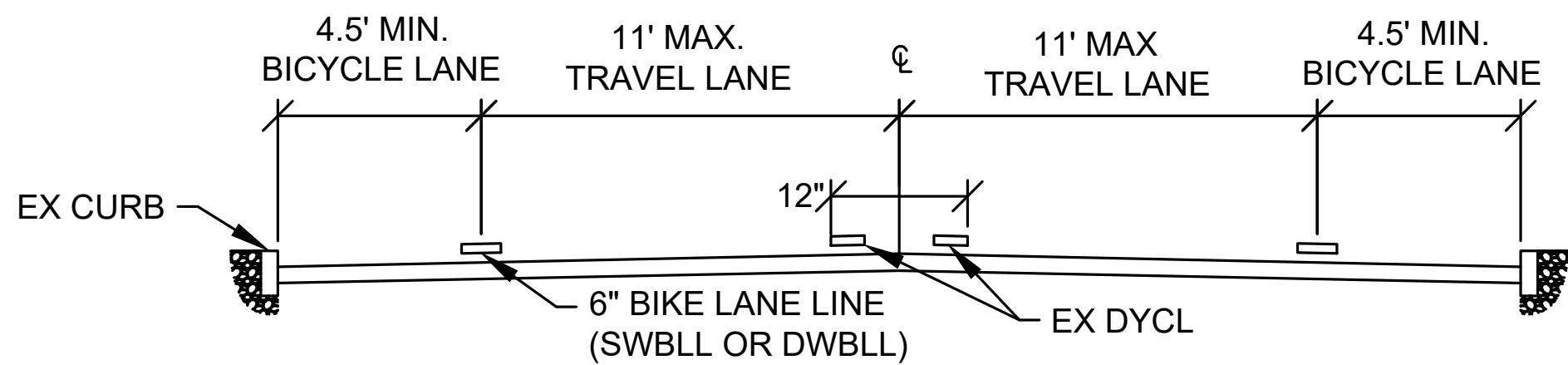
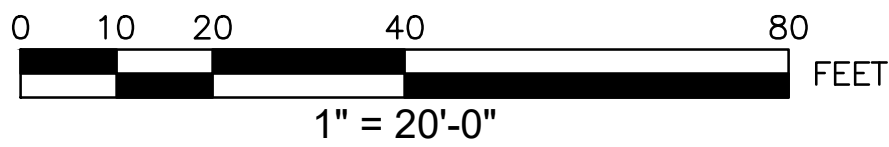
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
 CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-013
CHECKED BY:	RC	SHEET	17 of 21



TYPICAL PAVEMENT MARKING DETAIL NOTES

1. MEASURE FROM WORKING CENTERLINE TO CURB. IF OVER 15.5' STRIPE 11' TRAVEL LANE, REMAINING WIDTH TO BICYCLE LANE. IF UNDER 15.5' STRIPE 4.5' BICYCLE LANE, REMAINING WIDTH TO TRAVEL LANE.
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Handwritten signature of Chester E. Chellman

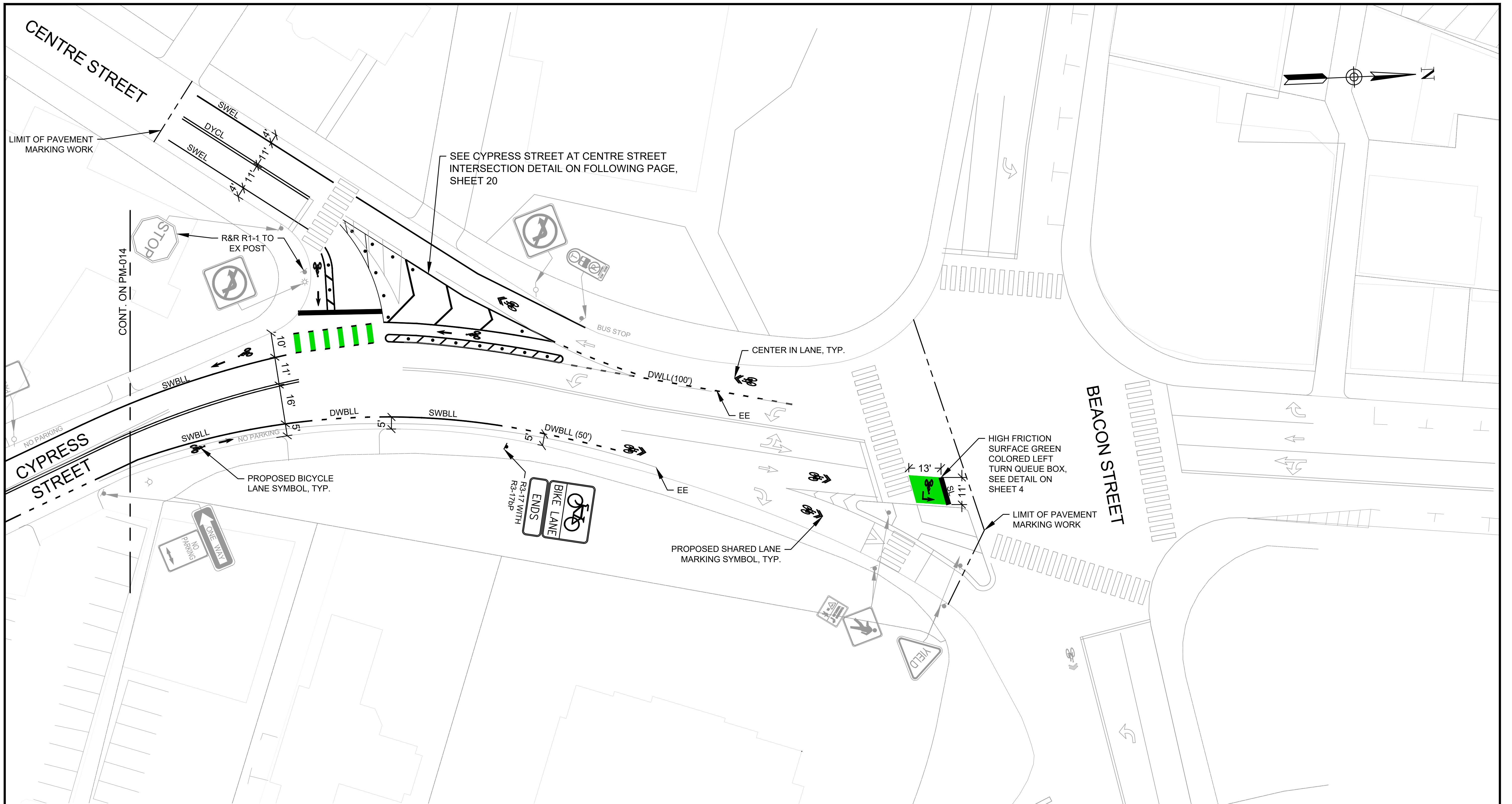
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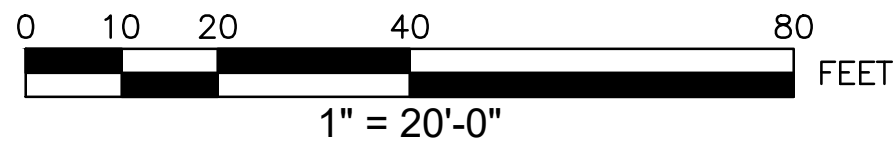
PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-014
CHECKED BY:	RC	SHEET	18 of 21



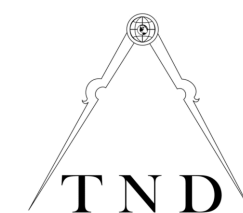
SEE CYPRESS STREET AT CENTRE STREET
INTERSECTION DETAIL ON FOLLOWING PAGE,
SHEET 20

HIGH FRICTION
SURFACE GREEN
COLORED LEFT
TURN QUEUE BOX,
SEE DETAIL ON
SHEET 4



Handwritten signature of Chester E. Chellman

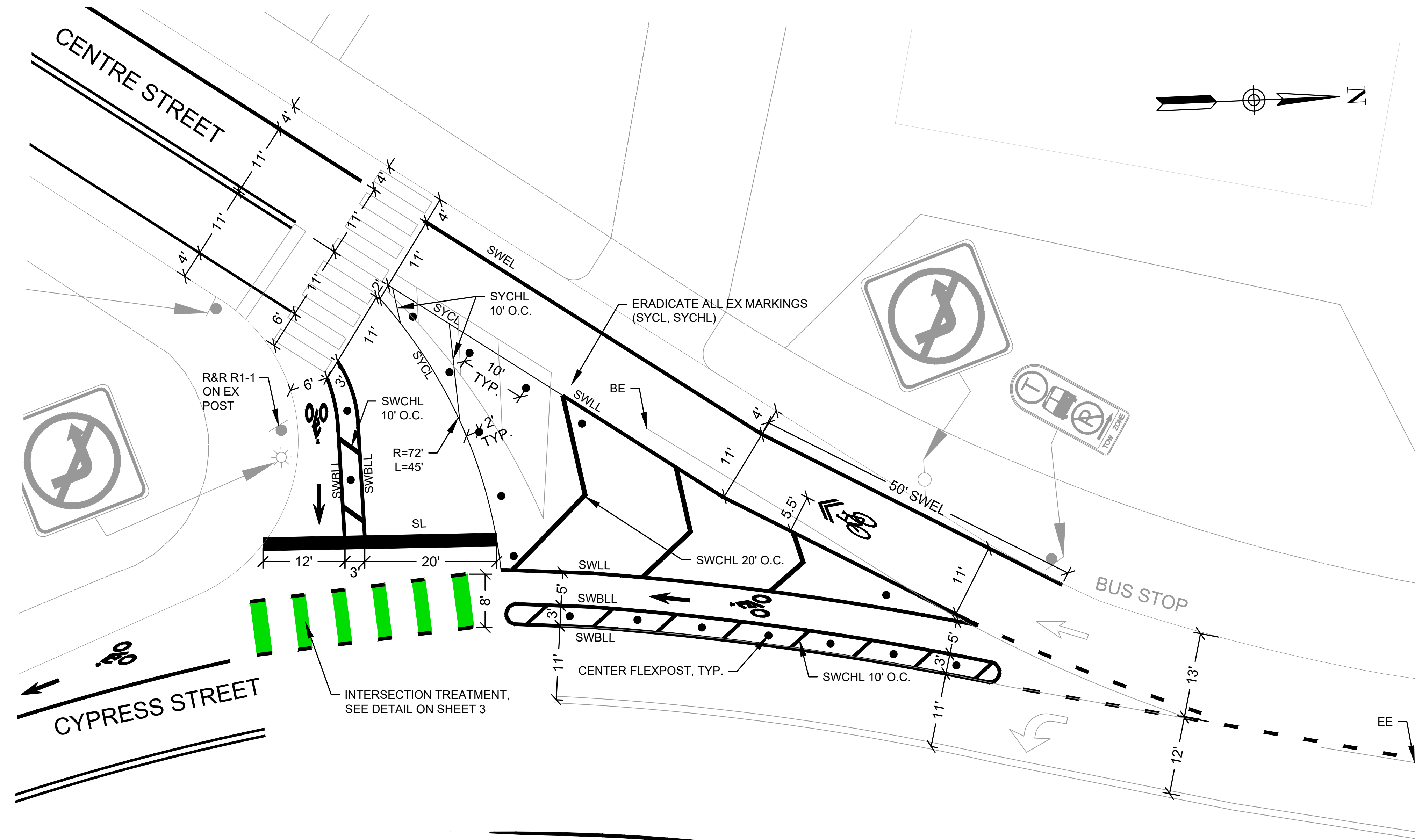
neighborwaysdesign



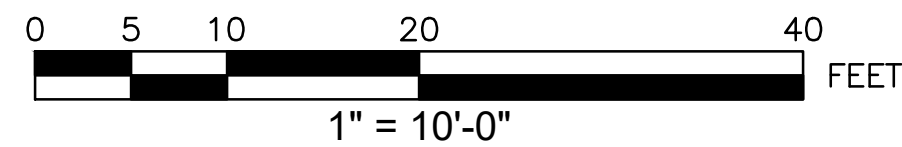
PS&E SUBMISSION

PAVEMENT MARKING AND SIGNAGE
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-015
CHECKED BY:	RC	SHEET	19 of 21



CYPRESS STREET AT CENTRE STREET INTERSECTION PAVEMENT MARKING DETAIL



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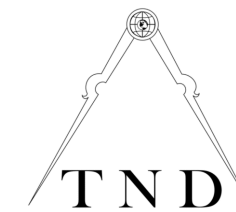
PAVEMENT MARKING AND SIGNAGE
 PARKER STREET / CYPRESS STREET / CENTRE STREET
 CITY OF NEWTON, MA





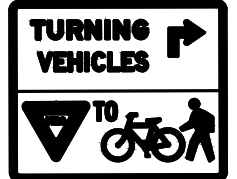
DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	PM-016
CHECKED BY:	RC	SHEET	20 of 21

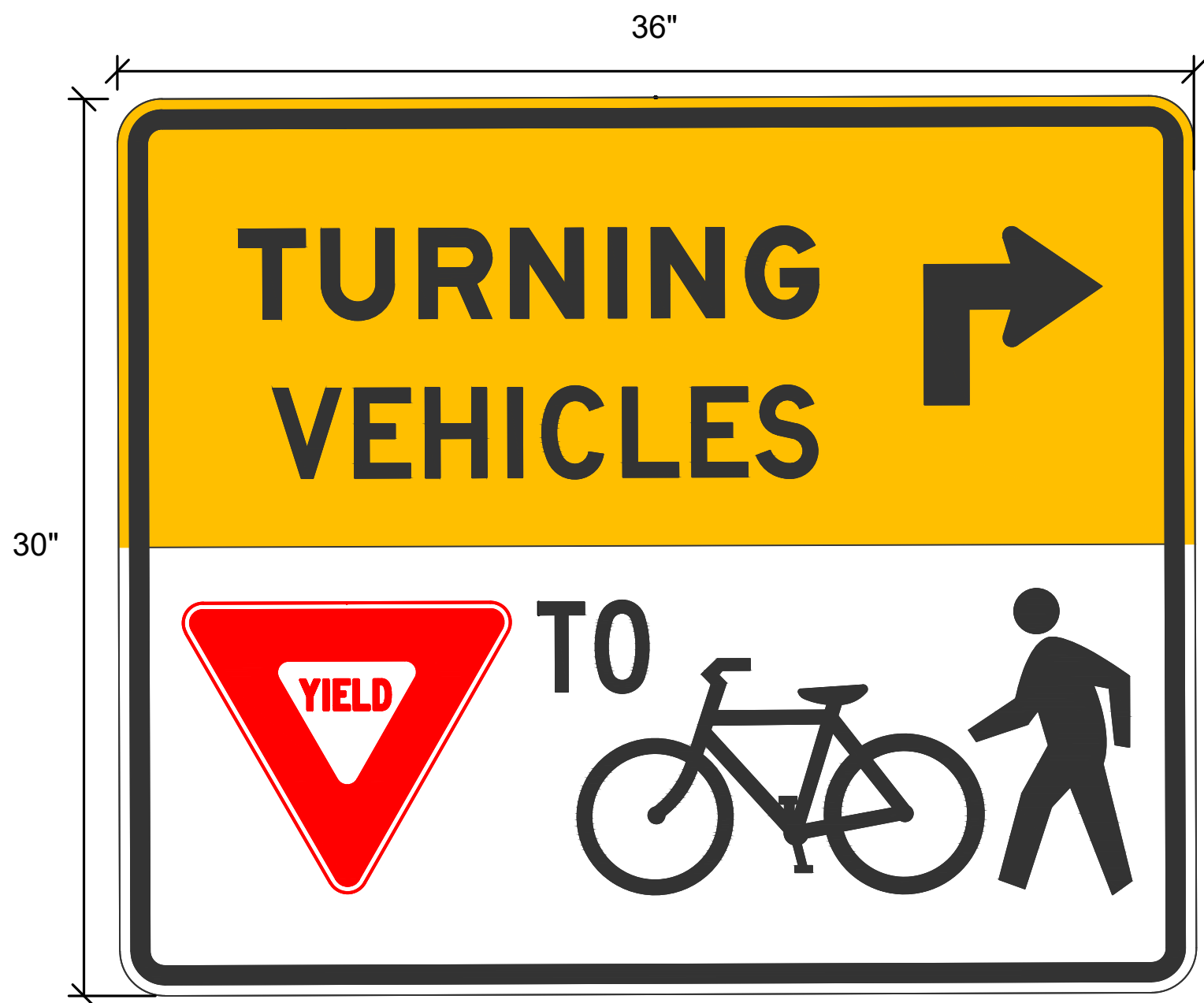


Handwritten signature of Chester E. Chellman

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IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		UNIT AREA (SQ FT)	TEXT	TEXT DIMENSIONS	NUMBER OF SIGNS REQUIRED	COLOR		POST SIZE AND NUMBER REQUIRED PER SIGN	TOTAL AREA (SQ FT)
	WIDTH	HEIGHT								
D11-1	24"	18"	3.00		SEE MUTCD STANDARD DETAIL	1	SEE MUTCD STANDARD DETAIL		MOUNT ON EX POST	3.00
M6-1R	12"	9"	0.75			1			MOUNT WITH D-11-1	0.75
R3-17	30"	24"	5.00			3			MOUNT ON EX POST	15.00
R3-17bP	30"	12"	2.50			1			MOUNT WITH R3-17	2.50
R10-15BP(R)	36"	30"	6.25		SEE DETAILS BELOW	2	SEE DETAILS BELOW		MOUNT ON MAST ARM	12.50



R10-15B(R) SIGN DETAIL
NOT TO SCALE

- SIGN NOTES:**
CORNER RADIUS: 1.875"
BORDER OFFSET FROM EDGE OF SIGN: 0.375"
BORDER THICKNESS: 0.625"
TEXT HEIGHT: 3"
FONT: CLEARVIEW HIGHWAY 2
BICYCLE SYMBOL HEIGHTxWIDTH: 7"x13"
PEDESTRIAN SYMBOL HEIGHT: 10"
YIELD SYMBOL HEIGHT: 10"
ARROW SYMBOL HEIGHT: 5.5"
ARROW SYMBOL WIDTH: 6.5"
COLORS:
• UPPER SECTION SIGN BACKGROUND: YELLOW (RETROREFLECTIVE)
• LOWER SECTION SIGN BACKGROUND: WHITE (RETROREFLECTIVE)
• SIGN BORDER AND TEXT: BLACK
• YIELD SYMBOL: RED (RETROREFLECTIVE)



Handwritten signature of Chester E. Chellman.

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PS&E SUBMISSION

TRAFFIC SIGN SUMMARY
PARKER STREET / CYPRESS STREET / CENTRE STREET
CITY OF NEWTON, MA

DESIGNED BY:	JM	DATE:	04/02/2021
PREPARED BY:	JM	DRAWING NO.	SS-001
CHECKED BY:	RC	SHEET	19 of 21